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Doc 9481 AN/928

Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods

2021–2022 Edition

Approved by and published under the authority of the Secretary General

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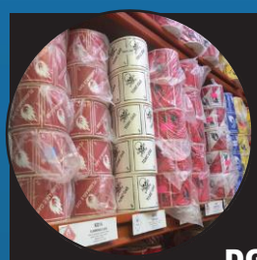

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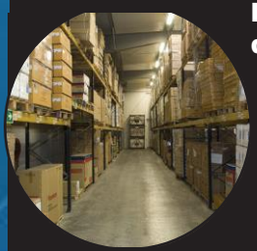

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Published in separate English, Arabic, Chinese, French,
Russian and Spanish editions by the
INTERNATIONAL CIVIL AVIATION ORGANIZATION
999 Robert-Bourassa Boulevard, Montréal, Quebec, Canada H3C 5H7

For ordering information and for a complete listing of sales agents
and booksellers, please go to the ICAO website at www.icao.int

2021–2022 Edition

ICAO Doc 9481, Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods
Order Number: Doc 9481
ISBN 978-92-9258-956-1

FOREWORD

Annex 18 to the Convention on International Civil Aviation — *The Safe Transport of Dangerous Goods by Air* — requires that "The operator shall provide such information in the Operations Manual as will enable the flight crew to carry out its responsibilities with regard to the transport of dangerous goods and shall provide instructions as to the action to be taken in the event of emergencies arising involving dangerous goods." This requirement is also included in the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284). Annex 6, Part I, Appendix 2 also requires that "information and instructions on the carriage of dangerous goods, including action to be taken in the event of an emergency" be included in the operations manual.

This document has been developed with the assistance of the Dangerous Goods Panel to provide guidance to States and operators for developing procedures and policies for dealing with dangerous goods incidents on board aircraft. It does not cover incidents which occur while the aircraft is on the ground, since emergency services should be available for such occurrences.

This document contains general information on the factors that may need to be considered when dealing with any dangerous goods incident. Guidance, in the form of checklists, is given for both flight crew and cabin crew, and is intended to be used in association with existing emergency procedures established in the aircraft flight manual. In addition, a list of dangerous goods is presented, both alphabetically and by UN (United Nations) number. The list identifies an appropriate emergency response drill for each item and a chart gives details of the drill and identifies other relevant safety matters. The list of dangerous goods presented in this document is based on the Dangerous Goods List (Table 3-1) contained in the 2021–2022 Edition of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) and reflects, therefore, all additions, deletions and changes to Table 3-1 introduced in that edition of the Technical Instructions. Operators may wish to develop their own material based on this document or they may include all or part of it, such as the list of dangerous goods and the associated drill chart, in their operations manual. The document may also be used in the required dangerous goods training programme for crew members.

The International Federation of Air Line Pilots' Associations

IFALPA

The Global Voice of Pilots

22 June 2020

Dear Colleagues,

On behalf of more than 140,000 pilots in nearly 100 countries represented by the International Federation of Air Line Pilots' Associations (IFALPA), I would like to join ICAO in presenting this latest Edition of ICAO Doc 9481, the Emergency Response Guidance for Aircraft Incidents involving Dangerous Goods. IFALPA is a non-political, non-profit making organization that supports and promotes the highest standards in flight safety. When properly prepared, packaged and handled, dangerous goods represent minimal risk in air transportation. Should an incident occur, however, this document will enable crew members to take the appropriate steps to address the emergency and ensure the safest possible outcome for the flight.

The document is intended to help operators develop checklists for their crew to deal with dangerous goods incidents. Guidance is given in the form of procedures to be used by both flight and cabin crew in the event of a spill, fire, or other incident involving dangerous goods. General information on cargo compartments, emergency equipment, and accessibility requirements for dangerous goods are provided for reference. This document serves as the key for the flight crew to unlock the information given on the Notification to Pilot-in-Command for dangerous goods shipments; it prescribes the correct steps to be taken for each type of dangerous goods shipment carried aboard aircraft. Using this document, the flight crew can put the information provided by the shipper about the dangerous goods to full use and take the correct actions for the emergency.

The Emergency Response Guidance is also intended to provide cabin crewmembers with appropriate procedures to respond to a spill or incident involving undeclared dangerous goods in the aircraft cabin. Amplified procedures are included to address an incident in the passenger cabin, ensuring that appropriate steps are taken regardless of the commodity. If the undeclared dangerous goods can be identified, an alphabetical list of dangerous goods provided in the guide can be referenced to obtain the correct drill code, and therefore the correct spill and fire-fighting procedures to be used. Furthermore, specific guidance is given on responding to in-flight fires involving portable electronic devices, which may contain lithium batteries.

IFALPA has once again joined forces with ICAO to prepare the new Edition of this Guidance, and we are pleased to bring it to you.

Yours Sincerely,

Captain Jack Netskar
President

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Section 1

GENERAL INFORMATION

1.1 CARGO COMPARTMENT CLASSIFICATION

Cargo compartments are classified in most national airworthiness requirements (e.g. FAR 25.857 and JAR 25.857) as follows:

Class A. A Class A cargo or baggage compartment is one in which:

a) the presence of a fire would be easily discovered by a crew member while at his or her station; and

b) each part of the compartment is easily accessible in flight.

Class B. A Class B cargo or baggage compartment is one in which:

a) there is sufficient access in flight to enable a crew member to effectively reach any part of the compartment with the contents of a hand fire extinguisher;

b) when the access provisions are being used, no hazardous quantity of smoke, flames or extinguishing agent will enter any compartment occupied by the crew or passengers; and

c) there is a separate approved smoke detector or fire detector system to give warning at the pilot or flight engineer station.

Class C. A Class C cargo or baggage compartment is one not meeting the requirements for either a Class A or B compartment but in which:

a) there is a separate approved smoke detector or fire detector system to give warning at the pilot or flight engineer station;

b) there is an approved built-in fire-extinguishing system controllable from the pilot or flight engineer station;

c) there are means of excluding hazardous quantities of smoke, flames, or extinguishing agent from any compartment occupied by the crew or passengers; and

d) there are means of controlling ventilation and draughts within the compartment so that the extinguishing agent used can control any fire that may start within the compartment.

Class D. A Class D cargo or baggage compartment is one in which:

a) a fire occurring in it will be completely confined without endangering the safety of the aeroplane or the occupants;

b) there are means of excluding hazardous quantities of smoke, flames, or other noxious gases from any compartment occupied by the crew or passengers;

c) ventilation and draughts are controlled within each compartment so that any fire likely to occur in the compartment will not progress beyond safe limits; and

d) consideration is given to the effect of heat within the compartment on adjacent critical parts of the aeroplane.

For compartments of 14.2 m^3 or less, an airflow of 42.5 m^3 per hour is acceptable.

Class E. A Class E cargo compartment is one on aeroplanes used only for the carriage of cargo and in which:

a) there is a separate approved smoke or fire detector system to give warning at the pilot or flight engineer station;

b) there are means of shutting off the ventilating airflow to or within the compartment, and the controls for these means are accessible to the flight crew in the crew compartment;

c) there are means of excluding hazardous quantities of smoke, flames, or noxious gases, from the flight crew compartment; and

d) the required crew emergency exits are accessible under any cargo loading conditions.

1.2 CARGO COMPARTMENT LOCATIONS

Typically, Class A cargo compartments are small cargo compartments that may be located between the flight deck and the passenger cabin or adjacent to the galley area or at the back of the aircraft.

A Class B cargo compartment is usually much larger than a Class A cargo compartment and can be located in an area remote from the flight deck. Class B cargo compartments are found on “combi” aircraft between the flight deck and the passenger cabin or behind the passenger cabin at the rear of the aircraft.

Note.— A “combi” aircraft is one in which both cargo and passengers are carried on the main deck.

The volume of a Class C cargo compartment is usually larger than Class A or B and such cargo compartments are generally found under the floor in wide-bodied aircraft. A Class C cargo compartment may have two fire extinguishing systems, enabling a second charge of extinguishant to be fired into the cargo compartment some time after the fire has initially been controlled by the first charge.

Instead of being equipped with fire detection and extinguishing systems, Class D cargo compartments are designed to control a fire by severely restricting the supply of oxygen. Class D cargo compartments are to be found under the passenger cabin floor on most jet transport aircraft. However, it must be appreciated that certain dangerous goods are themselves oxygen producers. Therefore, it cannot be assumed that a fire in a Class D cargo compartment will necessarily self-extinguish.

A Class E cargo compartment normally comprises the entire main deck compartment of a cargo aircraft.

A conventional passenger aeroplane is usually fitted with either Class C or Class D cargo compartments under the passenger cabin. A cargo aeroplane is usually fitted with a Class E main deck cargo compartment and with Class D and/or Class C underfloor cargo compartments. A “combi” aeroplane is usually fitted with a Class B main deck cargo compartment, either in front or behind the passenger cabin and with a Class C and/or Class D cargo compartment under the floor. The smaller commuter aeroplane, if not fitted as a conventional passenger aeroplane with a Class D cargo compartment, could be equipped with only a Class A cargo compartment, usually positioned in the area adjacent to the flight deck.

Helicopters are capable of carrying freight either in the main cabin (in a Class A cargo compartment) or under the cabin floor. The cargo compartment under the floor has no classification and the compartment is not capable of withstanding fire for any length of time. Some helicopters have cargo compartments which are at the rear of the aircraft and which are inaccessible from inside the helicopter. These cargo compartments are usually small and they are not fitted with any fire detection systems, extinguishing systems or liners.

1.3 FIRE EXTINGUISHERS

The most common fire extinguishers found on aircraft are those which have halon (BCF), dry agent, carbon dioxide (CO_2) or water as the firefighting agent. All of these types may not be present on any one aircraft. Guidance on the use of the fire extinguishers is contained in the operations manual and may also appear on the extinguishers themselves. The emergency response drills, described in Section 4, indicate which firefighting agents should be used and the instances where the use of water is considered dangerous.

1.4 OXYGEN EQUIPMENT

Fixed and portable oxygen equipment is provided in pressurized aircraft for the use of the crew and passengers. The equipment available to the flight crew usually has a gas-tight mask and can supply 100 per cent oxygen. The aircraft may carry portable smoke hoods but, in general, the equipment available to the cabin crew consists of portable oxygen bottles fitted with therapeutic masks. Additional passenger drop-out masks may be available for use by cabin crew in the passenger cabin and galley/toilet areas. Both the passenger drop-out masks and the therapeutic masks are designed to allow a low flow of oxygen supplemented by air drawn in through valves or holes in the side of the mask. These masks are not intended to be gas-tight and, consequently, any toxic fumes or smoke present will be inhaled by passengers or crew using the masks.

1.5 ACCESSIBILITY OF DANGEROUS GOODS

Dangerous goods bearing the “cargo aircraft only” label are required to be accessible in flight, except for those:

a) loaded:

   1) in a Class C aircraft cargo compartment;

   2) in a unit load device equipped with a fire detection/suppression system equivalent to that required by the certification requirements of a Class C aircraft cargo compartment as determined by the appropriate national authority;

   3) as external carriage by a helicopter; and

b) classified as:

1) flammable liquids (Class 3), Packing Group III, other than those with a subsidiary hazard of Class 8;

2) toxic substances (Division 6.1) with no subsidiary hazard other than Class 3;

3) infectious substances (Division 6.2);

4) radioactive materials (Class 7); and

5) miscellaneous dangerous goods (Class 9).

Other dangerous goods (those which do not bear “cargo aircraft only” labels) are not required to be accessible.

Part 7, Chapter 2 of the Technical Instructions sets out the full requirements on the accessibility of dangerous goods on cargo aircraft.

1.6 EMERGENCY RESPONSE KIT

Some operators provide dangerous goods emergency response kits for use aboard aircraft and also provide training to crew members regarding the use of the kit in dangerous goods incidents. Typically, a dangerous goods emergency response kit contains:

1) large, good quality polyethylene bags;

2) bag ties; and

3) long rubber gloves.

When reference is made in this document to an “emergency response kit”, it is intended that the kit should be comprised of at least this equipment.

Note.— The word “polyethylene” as used in this manual has the same meaning as “polythene”.

Section 2

GENERAL CONSIDERATIONS

2.1 GENERAL

The following are considerations which may need to be taken into account in assessing an appropriate course of action to take in the event of an incident involving dangerous goods. These considerations apply whether the aircraft involved is carrying passengers, cargo or both.

1) Consideration should always be given to landing as soon as possible. If the situation permits, the relevant air traffic services should be informed of the dangerous goods on board, as indicated in Part 7, Chapter 4 of the Technical Instructions.

2) The appropriate fire or smoke removal emergency procedure approved for the aircraft type should always be carried out. Flight crew oxygen mask and regulators must be on and selected to the 100 per cent oxygen position to prevent the inhalation of smoke or fumes. Using the appropriate smoke removal emergency procedures should reduce the concentration of any contamination and help to avoid recirculation of contaminated air. Air conditioning systems should be operated at maximum capacity and all cabin air vented overboard (no recirculation of air) in order to reduce the concentration of any contamination in the air and to avoid recirculation of contaminated air.

3) Reducing altitude will reduce the rate of vaporization of liquid and may reduce the rate of leakage, but it may increase the rate of burning. Conversely, increasing altitude may reduce the rate of burning but may increase the rate of vaporization or leaking. If there is structural damage or an explosion hazard, consideration should be given to keeping the differential pressure as low as possible.

4) The rate of ventilation should not be reduced in an attempt to extinguish a fire, as this will have an incapacitating effect on the passengers without significantly affecting the fire. Passengers are likely to suffocate through lack of oxygen before a fire is extinguished. Passenger survival chances are greatly enhanced by ensuring maximum cabin ventilation.

5) Gas-tight breathing equipment should always be worn when attending an incident involving fire or fumes. The use of therapeutic masks with portable oxygen bottles or the passenger drop-out oxygen system to assist passengers in a smoke- or fume-filled cabin should not be considered, since considerable quantities of fumes or smoke would be inhaled through the valves or holes in the masks. A more effective aid to passengers in a smoke- or fume-filled environment would be the use of a wet towel or cloth held over the mouth and nose. A wet towel or cloth aids in filtering and is more effective at doing this than a dry towel or cloth. Cabin crew should take prompt action if smoke or fumes develop and move passengers away from the area involved and, if necessary, provide wet towels or cloths and give instructions to breathe through them.

6) In general, water should not be used on a spillage or when fumes are present, since it may spread the spillage or increase the rate of fuming. Consideration should also be given to the possible presence of electrical components when using water extinguishers, but see 10).

7) Besides the mandatory emergency equipment that is carried on an aircraft and the emergency response kit provided by some operators, many other items can be found that can be put to good use. These include:

— bar or catering boxes;
— oven gloves/fire-resistant gloves;
— polyethylene bags;
— blankets; and
— towels.

8) Hands should always be protected before touching suspicious packages or bottles. Fire-resistant gloves or oven gloves covered by polyethylene bags are likely to give suitable protection.

9) Care should always be taken when mopping up any spillage or leakage to ensure there will be no reaction between what is to be used for mopping up and the dangerous goods. If it appears there could be a reaction, mopping up should not be attempted but the spillage should be covered with polyethylene bags. If polyethylene bags are not available, care should be taken to ensure there will be no reaction between whatever is used to contain the item and the item itself.

10) In case of a spill of known or suspected dangerous goods in powder form, everything affected should be left undisturbed. This type of spill should not be covered with a fire agent or diluted with water. Passengers should be moved away from the area. Switching off recirculation fans should be considered. The area of the spillage should be covered using polyethylene or other plastic bags and blankets. The area should be kept isolated. After landing, only qualified specialists should deal with the situation.

11) If a fire has been dealt with successfully and it is obvious that inner packagings are intact, consideration should be given to using water to cool the packages and thus avoid the possibility of reignition, but see 6).

12) A smoking ban should be introduced when fumes or vapours are present.

13) In any incident in which rescue and firefighting (RFF) personnel come to the aircraft, either when dangerous goods are the cause of the incident or when dangerous goods are being carried on the aircraft and are not directly involved in the incident, a procedure should be established to ensure that the pilot-in-command's dangerous goods notification form is immediately made available to the RFF services. Such a procedure might require the first flight crew member to leave the aircraft in the event of an emergency evacuation to deliver the pilot-in-command's notification to the senior member of the RFF personnel.

14) If an incident involves a chemical substance which can be identified (by the UN proper shipping name or number, or by any other means), it may be possible, in some circumstances, to obtain helpful information from the various national chemical databanks. These databanks normally maintain 24-hour telephone accessibility and so can be reached by a phone-patch procedure. Examples of such databanks are:

United States — CHEMTREC
www.chemtrec.com

Canada — CANUTEC
www.tc.gc.ca/eng/canutec/menu.htm

2.2 DANGEROUS GOODS IN THE PASSENGER CABIN

Apart from the exceptions listed in Part 8 of the Technical Instructions, dangerous goods are not permitted in the passenger cabin. Nevertheless, dangerous goods may be carried into the cabin by passengers who are unaware of, or deliberately ignore, the requirements of the Technical Instructions concerning passengers and their baggage. It is also possible that an item to which a passenger is legitimately entitled (e.g. an item for medical purposes) may cause an incident.

Note.— See 3.3 — Cabin crew checklists for dangerous goods incidents in the passenger cabin during flight.

2.3 DANGEROUS GOODS IN THE UNDERFLOOR CARGO COMPARTMENTS

Dangerous goods may be carried as cargo in the underfloor cargo compartments. Spillages or leakages are unlikely to be detected during flight unless they cause noticeable fumes in the passenger cabin or on the flight deck. In the event of leakage, the air in the passenger cabin and on the flight deck may have become flammable, irritating or toxic. Non-essential electrics should be turned off and smoking should be prohibited. Also, the crew should use full face masks, (100 per cent oxygen) or smoke hoods. Wherever possible, the passengers should be provided with wet towels or cloths for use over the nose and mouth.

Smoke or fire in an underfloor cargo compartment may not have originated from any dangerous goods loaded in that compartment. Such goods, however, may be affected by any fire. Standard aircraft emergency procedures should always be followed to deal with the smoke or fire.

In some aircraft there is access from inside the aircraft to underfloor Class D cargo compartments. In general, even if access is possible, an entry should not be made since this will allow air to enter the compartment, which may worsen the situation.

If an incident has arisen in an underfloor cargo compartment, the passengers and crew should be evacuated from the aircraft before any attempt is made to open the cargo compartment doors. The cargo compartment doors should be opened with the emergency services in attendance.

2.4 DANGEROUS GOODS ON THE MAIN DECK OF "COMBI" AIRCRAFT

Note.— A "combi" aircraft is one in which both cargo and passengers are carried on the main deck.

Spillages or leakages of dangerous goods which cause fumes may be detected in the passenger cabin or on the flight deck. Smoke or fire which is detected may not have originated from any dangerous goods which are loaded in the cargo compartment but those goods may be affected by any fire.

The recommended aircraft emergency procedures for smoke and fire should always be followed. However, any action taken to evacuate smoke may not necessarily help to control a fire.

Although it may be possible to enter the cargo compartment from inside the aircraft, this should be done with great care so as not to allow smoke or fumes to enter the passenger cabin or flight deck.

However, if the decision is taken to enter the cargo compartment and the cause of the incident is discovered to be dangerous goods, reference should be made to Section 4 of this document, which contains a list of dangerous goods and the relevant emergency response drills and gives guidance for dealing with the incident.

Smoke or fumes may enter the passenger cabin or flight deck. If this happens, the crew should assume that the aircraft's atmosphere has possibly become contaminated with irritating, flammable or toxic fumes and appropriate action should be taken. This should include the use by the crew of full face masks (100 per cent oxygen) or smoke hoods, as appropriate. Wherever possible, passengers should be provided with wet towels or cloths with instructions to place them over the nose and mouth. All non-essential electrics should be turned off and smoking should be prohibited. Smoke evacuation emergency procedures should be carried out as soon as possible to ventilate the cabin to the maximum extent possible.

If an incident has arisen in a main deck cargo compartment, the passengers and crew should be evacuated from the aircraft before any attempt is made to open the cargo compartment doors. The cargo compartment doors should be opened with the emergency services in attendance.

2.5 DANGEROUS GOODS ON CARGO AIRCRAFT

Dangerous goods may be carried on cargo aircraft in either the underfloor cargo compartments or on the main deck.

Incidents in an underfloor cargo compartment. See 2.3.

Incidents in the main deck cargo compartment. Dangerous goods carried on the main deck of a cargo aircraft fall into two broad categories:

a) those which are permitted either for carriage on a passenger aircraft, or which are cargo aircraft only (CAO) dangerous goods or quantities not subject to additional loading requirements applicable to other CAO dangerous goods. Depending on the circumstances (position on main deck, types of unit load devices (ULDs) used, etc.), these may be completely inaccessible.

b) those which may only be carried on a cargo aircraft and are subject to additional loading requirements which are set out in Part 7;2.4.1 of the Technical Instructions. These dangerous goods may be required to be accessible which means they must be loaded so that the crew can handle and, where size and mass permit, separate such packages or overpacks from other cargo. In the event of an incident involving these dangerous goods, an assessment will have to be made of the practicality of attempting direct physical intervention. In any event, both for accessible and non-accessible dangerous goods, standard aircraft emergency procedures should always be followed.

An attempt should be made to establish the cause of an incident occurring on the main deck. The following actions can be considered:

— Attempt to locate the source of the incident and identify whether there are fumes or smoke or evidence of spillage or leakage.

— Follow the appropriate aircraft emergency procedures for fire or for smoke removal if fumes or smoke are present.

— Identify the dangerous goods involved and use the notification to pilot-in-command (see Technical Instructions, Part 7, Chapter 4) to confirm the name and/or UN number of the goods.

— After establishing the identity of the dangerous goods, refer to Section 4 and from either the alphabetical or numerical list of dangerous goods note the drill assigned to the particular item.

— Refer to the chart in Section 4 and use the guidance given against the appropriate emergency response drill to deal with the incident.

Section 3

EXAMPLES OF DANGEROUS GOODS INCIDENT PROCEDURES

3.1 PROCEDURES FOR DANGEROUS GOODS INCIDENTS

Step	*Action*
1.	**FOLLOW THE APPROPRIATE AIRCRAFT EMERGENCY PROCEDURES FOR FIRE OR SMOKE REMOVAL**
2.	**NO SMOKING SIGN ON**
3.	**CONSIDER LANDING AS SOON AS POSSIBLE**
4.	**CONSIDER TURNING OFF NON-ESSENTIAL ELECTRICAL POWER**
5.	**DETERMINE SOURCE OF SMOKE / FUMES / FIRE**
6.	**FOR DANGEROUS GOODS INCIDENTS IN THE PASSENGER CABIN, SEE CABIN CREW PROCEDURES AND COORDINATE COCKPIT / CABIN CREW ACTIONS**
7.	**DETERMINE EMERGENCY RESPONSE DRILL CODE**
8.	**USE GUIDANCE FROM AIRCRAFT EMERGENCY RESPONSE DRILLS CHART TO HELP DEAL WITH INCIDENT**
9.	**IF THE SITUATION PERMITS, NOTIFY ATC OF THE DANGEROUS GOODS BEING CARRIED**
After landing	
1.	**DISEMBARK PASSENGERS AND CREW BEFORE OPENING ANY CARGO COMPARTMENT DOORS**
2.	**INFORM GROUND PERSONNEL / EMERGENCY SERVICES OF NATURE OF ITEM AND WHERE STOWED**
3.	**MAKE APPROPRIATE ENTRY IN MAINTENANCE LOG**

3.2 AMPLIFIED PROCEDURES FOR DANGEROUS GOODS INCIDENTS

Amplified procedures for dangerous goods incidents	
Step	*Action*
1.	**FOLLOW THE APPROPRIATE AIRCRAFT EMERGENCY PROCEDURES FOR FIRE OR SMOKE REMOVAL** (self-explanatory)
2.	**NO SMOKING SIGN ON** A smoking ban should be introduced when fumes or vapours are present and be continued for the remainder of the flight.
3.	**CONSIDER LANDING AS SOON AS POSSIBLE** Because of the difficulties and possibly disastrous consequences of any dangerous goods incident, consideration should be given to landing as soon as possible. The decision to land at the nearest suitable aerodrome should be made early rather than late, when an incident may have developed to a very critical point, severely restricting operational flexibility.
4.	**CONSIDER TURNING OFF NON-ESSENTIAL ELECTRICAL POWER** As the incident may be caused by electrical problems or as electrical systems may be affected by any incident, and particularly as firefighting activities, etc., may damage electric systems, turn off all non-essential electrical items. Retain power only to those instruments, systems and controls necessary for the continued safety of the aircraft. Do not restore power until it is positively safe to do so.
5.	**DETERMINE SOURCE OF SMOKE / FUMES / FIRE** The source of any smoke / fumes / fire may be difficult to determine. Effective firefighting or containment procedures can best be accomplished when the source of the incident is identified.
6.	**FOR DANGEROUS GOODS INCIDENTS IN THE PASSENGER CABIN, SEE CABIN CREW PROCEDURES AND COORDINATE COCKPIT / CABIN CREW ACTIONS** Incidents in the passenger cabin should be dealt with by the cabin crew using the appropriate procedures. It is essential that the cabin crew and the flight crew coordinate their actions and that each be kept fully informed of the other's actions and intentions.

Amplified procedures for dangerous goods incidents	
Step	*Action*
7.	**DETERMINE EMERGENCY RESPONSE DRILL CODE** When the item has been identified, the corresponding entry on the pilot-in-command's dangerous goods notification form should be found. The applicable emergency response drill code may be given on the notification form, or if not given, can be found by noting the proper shipping name or the UN number on the notification form and using the alphabetical or numerical list of dangerous goods. If the item causing the incident is not listed on the notification form, an attempt should be made to determine the name or the nature of the substance. The alphabetical list can then be used to determine the emergency response drill code. *Note.— The alphabetical and numerical lists referred to are those in Section 4 of this document.*
8.	**USE GUIDANCE FROM AIRCRAFT EMERGENCY RESPONSE DRILLS CHART TO HELP DEAL WITH INCIDENT** The drill code assigned to an item of dangerous goods consists of a number plus one or two letters. Referring to the chart of emergency response drills, each drill number corresponds to a line of information concerning the hazard posed by that substance and guidance on the preferable action that should be taken. The drill letter is shown separately on the drill chart; it indicates other possible hazards of the substance. In some cases, the guidance given by the drill number may be further refined by the information given by the drill letter.
9.	**IF THE SITUATION PERMITS, NOTIFY ATC OF THE DANGEROUS GOODS BEING CARRIED** If an in-flight emergency occurs and the situation permits, the pilot-in-command should inform the appropriate air traffic services unit of the dangerous goods on board the aircraft. Wherever possible this information should include the proper shipping name and/or UN number, the class/division and for Class 1 the compatibility group, any identified subsidiary hazard(s), the quantity and the location on board the aircraft. When it is not considered possible to include all the information, those parts thought most relevant in the circumstances should be given.

Amplified procedures for dangerous goods incidents	
Step	*Action*
After landing	
1.	**DISEMBARK PASSENGERS AND CREW BEFORE OPENING ANY CARGO COMPARTMENT DOORS** Even if it has not been necessary to complete an emergency evacuation after landing, passengers and crew should disembark before any attempt is made to open the cargo compartment doors and before any further action is taken to deal with a dangerous goods incident. The cargo compartment doors should be opened with the emergency services in attendance.
2.	**INFORM GROUND PERSONNEL / EMERGENCY SERVICES OF NATURE OF ITEM AND WHERE STOWED** Upon arrival, take the necessary steps to identify to the ground staff where the item is stowed. Pass on by the quickest available means all information about the item including, when appropriate, a copy of the notification to pilot-in-command.
3.	**MAKE APPROPRIATE ENTRY IN MAINTENANCE LOG** An entry should be made in the maintenance log that a check needs to be carried out to ensure that any leakage or spillage of dangerous goods has not damaged the aircraft structure or systems and that some aircraft equipment (e.g. fire extinguishers, emergency response kit) may need replenishing or replacing.

3.3 CABIN CREW PROCEDURES FOR DANGEROUS GOODS INCIDENTS IN THE PASSENGER CABIN DURING FLIGHT

This section consists of cabin crew procedures for dangerous goods incidents in the passenger cabin during flight involving:

a) battery / portable electronic device (PED) fire / smoke (see 3.3.1);

b) overhead bin battery / portable electronic device (PED) fire / smoke (see 3.3.2);

c) overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke (see 3.3.3);

d) PED inadvertently crushed or damaged in electrically adjustable seat (see 3.3.4);

e) fire involving dangerous goods (see 3.3.5); and

f) spillage or leakage of dangerous goods (see 3.3.6)

3.3.1 Battery / portable electronic device (PED) fire / smoke

Procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM** *Note.— It may not be possible to identify the item (source of fire) immediately. In this case, apply Step 2 first, and then attempt to identify it.* **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames.
2.	**APPLY FIREFIGHTING PROCEDURE** a) Obtain and use the appropriate fire extinguisher. b) Retrieve and use protective equipment, as applicable to the situation. c) Move passengers away from the area, if possible. d) Notify pilot-in-command / other cabin crew members. *Note.— Actions should occur simultaneously in a multi-crew operation.*
3.	**REMOVE POWER** a) Disconnect the device from the power supply, if safe to do so. b) Turn off in-seat power, if applicable. c) Verify that power to the remaining electrical outlets remains off, if applicable. **Caution:** Do not attempt to remove the battery from the device.

Procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
4.	**DOUSE THE DEVICE WITH WATER (OR OTHER NON-FLAMMABLE LIQUID)** *Note.— Liquid may turn to steam when applied to the hot battery.*
5.	**LEAVE THE DEVICE IN ITS PLACE AND MONITOR FOR ANY REIGNITION** a) If smoke or flames reappear, repeat Steps 2 and 4. **Caution:** — Do not attempt to pick up or move the device. — Do not cover or enclose the device. — Do not use ice or dry ice to cool the device.
6.	**WHEN THE DEVICE HAS COOLED** (e.g. approximately 10 to 15 minutes) a) Obtain a suitable empty container. b) Fill the container with enough water (or other non-flammable liquid) to submerge the device. c) Using protective equipment, place the device in the container and completely submerge in water (or other non-flammable liquid). d) Stow and secure (if possible) the container to prevent spillage.
7.	**MONITOR THE DEVICE AND THE SURROUNDING AREA FOR THE REMAINDER OF THE FLIGHT**
8.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator's post-incident procedures.

3.3.2 Overhead bin battery / portable electronic device (PED) fire / smoke

Procedures for overhead bin battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
1.	**APPLY FIREFIGHTING PROCEDURE** a) Obtain and use the appropriate fire extinguisher. b) Retrieve and use protective equipment, as applicable to the situation. c) Move passengers away from the area, if possible. d) Notify pilot-in-command / other cabin crew members. *Note.— Actions should occur simultaneously in a multi-crew operation.*

Procedures for overhead bin battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
2.	**IDENTIFY THE ITEM** If the device is visible and accessible, or, if the device is contained in baggage and flames are visible: a) Re-apply Step 1 to extinguish the flames, if applicable. b) Apply Steps 3 to 5. If smoke is coming from the overhead bin, but the device is not visible or accessible: c) Remove other baggage from the overhead bin to access the affected baggage/item. d) Identify the item. e) Apply Steps 3 to 5. **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames.
3.	**DOUSE THE DEVICE (BAGGAGE) WITH WATER (OR OTHER NON-FLAMMABLE LIQUID)** *Note.— Liquid may turn to steam when applied to the hot battery.*
4.	**WHEN THE DEVICE HAS COOLED** a) Obtain a suitable empty container. b) Fill the container with enough water (or other non-flammable liquid) to submerge the device. c) Using protective equipment, place the device in the container and completely submerge in water (or other non-flammable liquid). d) Stow and secure (if possible) the container to prevent spillage.
5.	**MONITOR THE DEVICE AND THE SURROUNDING AREA FOR THE REMAINDER OF THE FLIGHT**
6.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator’s post-incident procedures.

3.3.3 Overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke

Procedures for overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM**
2.	**INSTRUCT THE PASSENGER TO TURN OFF THE DEVICE IMMEDIATELY**
3.	**REMOVE POWER** a) Disconnect the device from the power supply, if safe to do so. b) Turn off in-seat power, if applicable. c) Verify that power to the remaining electrical outlets remains off, if applicable. d) Verify that the device remains off for the remainder of the flight. **Caution:** Do not attempt to remove the battery from the device.
4.	**INSTRUCT THE PASSENGER TO KEEP THE DEVICE VISIBLE AND MONITOR CLOSELY** **Caution:** Unstable batteries may ignite even after the device is turned off.
5.	**IF SMOKE OR FLAMES APPEAR** a) Apply BATTERY / PED FIRE / SMOKE procedures (see 3.3.1).
6.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator's post-incident procedures.

3.3.4 PED inadvertently crushed or damaged in electrically adjustable seat

Procedures for PED inadvertently crushed or damaged in electrically adjustable seat	
Step	*Cabin crew action*
1.	**NOTIFY THE PILOT-IN-COMMAND / OTHER CABIN CREW MEMBERS**
2.	**OBTAIN INFORMATION FROM PASSENGER, BY ASKING HIM/HER** a) To identify the item. b) Where he/she suspects that the item may have dropped or slipped into. c) If the seat was moved since misplacing the item.
3.	**RETRIEVE AND USE PROTECTIVE EQUIPMENT, IF AVAILABLE**

Procedures for PED inadvertently crushed or damaged in electrically adjustable seat	
Step	*Cabin crew action*
4.	**RETRIEVE THE ITEM** **Caution:** Do not move the seat electrically or mechanically when attempting to retrieve the item.
5.	**IF SMOKE OR FLAMES APPEAR** a) Apply BATTERY / PED FIRE / SMOKE procedures (see 3.3.1).
6.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator's post-incident procedures.

3.3.5 Fire involving dangerous goods

Procedures for fire involving dangerous goods	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM** *Note. — It may not be possible to identify the item (source of fire) immediately. In this case, apply Step 2 first, and then attempt to identify it.* **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames.
2.	**APPLY FIREFIGHTING PROCEDURE** a) Obtain and use the appropriate fire extinguisher / check use of water. b) Retrieve and use protective equipment, as applicable to the situation. c) Move passengers away from the area, if possible. d) Notify pilot-in-command / other cabin crew members. *Note.— Actions should occur simultaneously in a multi-crew operation.*
3.	**MONITOR FOR ANY REIGNITION** a) If smoke/flames reappear, repeat Step 2.
4.	**ONCE THE FIRE HAS BEEN EXTINGUISHED** a) Apply **SPILLAGE OR LEAKAGE OF DANGEROUS GOODS** procedures, if required (see 3.3.6).

Procedures for fire involving dangerous goods	
Step	*Cabin crew action*
5.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator's post-incident procedures.

3.3.6 Spillage or leakage of dangerous goods

Procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
1.	**NOTIFY THE PILOT-IN-COMMAND / OTHER CABIN CREW MEMBERS**
2.	**IDENTIFY THE ITEM**
3.	**COLLECT EMERGENCY RESPONSE KIT OR OTHER USEFUL ITEMS**
4.	**DON RUBBER GLOVES AND SMOKE HOOD**
5.	**MOVE PASSENGERS AWAY FROM AREA AND DISTRIBUTE WET TOWELS OR CLOTHS**
6.	**PLACE DANGEROUS GOODS ITEM IN POLYETHYLENE BAGS**
7.	**STOW POLYETHYLENE BAGS**
8.	**TREAT AFFECTED SEAT CUSHIONS / COVERS IN THE SAME MANNER AS DANGEROUS GOODS ITEM**
9.	**COVER SPILLAGE ON CARPET / FLOOR**
10.	**REGULARLY INSPECT ITEMS STOWED AWAY / CONTAMINATED FURNISHINGS**
11.	**AFTER LANDING AT THE NEXT DESTINATION** a) Apply operator's post-incident procedures.

3.4 AMPLIFIED CABIN CREW PROCEDURES FOR DANGEROUS GOODS INCIDENTS IN THE PASSENGER CABIN DURING FLIGHT

This section consists of amplified cabin crew procedures for dangerous goods incidents in the passenger cabin during flight involving:

a) battery / portable electronic device (PED) fire / smoke (see 3.4.1);

b) overhead bin battery / portable electronic device (PED) fire / smoke (see 3.4.2);

c) overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke (see 3.4.3);

d) PED inadvertently crushed or damaged in electrically adjustable seat (see 3.4.4);

e) fire involving dangerous goods (see 3.4.5); and

f) spillage or leakage of dangerous goods (see 3.4.6).

Note.— Although this guidance material presents sequences of tasks, some of these actions occur simultaneously when carried out by crew members.

3.4.1 Battery / portable electronic device (PED) fire / smoke

Amplified procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM** It may not be possible to identify the item (source of fire) right away, especially if the fire has started in a seat pocket or the device is not readily accessible. In this case, firefighting procedures should be applied as a first step. If the item is contained in baggage, the crew's actions would be similar to the actions for a device that is visible or readily accessible. **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames. However, in certain situations cabin crew members may assess and deem it necessary to slightly open baggage to allow entry of the extinguishing agent and non-flammable liquid. This should be done with extreme caution and only after donning appropriate protective equipment available on the aircraft.
2.	**APPLY FIREFIGHTING PROCEDURE** Any occurrence concerning a fire in the cabin should be notified immediately to the pilot-in-command who should be kept informed of all actions taken and of the effect. It is essential that the cabin crew and the flight crew coordinate their actions and that each is kept fully informed of the other's actions and intentions.

Amplified procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
	Appropriate firefighting and emergency procedures must be used to deal with any fire. In a multi-cabin crew operation, the actions detailed in the firefighting procedure should be conducted simultaneously. On aircraft operated with only one cabin crew member, the aid of a passenger should be sought in dealing with the situation. Halon, Halon replacement or water extinguisher should be used to extinguish the fire and prevent its spread to additional flammable materials. It is important to wear available protective equipment (e.g. protective breathing equipment, fire gloves) when fighting a fire. If fire develops, cabin crew should take prompt action to move passengers away from the area involved and, if necessary, provide wet towels or cloths and give instructions for passengers to breathe through them. Minimizing the spreading of smoke and fumes into the flight deck is critical for the continued safe operation of the aircraft, therefore it is essential to keep the flight deck door closed at all times. Crew communication and coordination are of utmost importance. The use of the interphone is the primary means of communication unless the interphone system fails.
3.	**REMOVE POWER** It is important to instruct the passenger to disconnect the device from the power supply, if it is deemed safe to do so. A battery has a higher likelihood of catching fire due to overheating during or immediately following a charging cycle, although the effects may be delayed for some period of time. By removing the external power supply from the device, it will be assured that additional energy is not being fed to the battery to promote a fire. Turn off the in-seat power to the remaining electrical outlets until it can be assured that a malfunctioning aircraft system does not contribute to additional failures of the passengers' portable electronic devices. Visually check that power to the remaining electrical outlets remains off until the aircraft's system can be determined to be free of faults, if the device was previously plugged in. The removal of power may occur simultaneously to other cabin crew actions (e.g. obtaining water to douse the device). Depending on the aircraft type, in-seat power may have to be turned off by the flight crew members. **Caution:** Do not attempt to remove the battery from the device.

Amplified procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
4.	**DOUSE THE DEVICE WITH WATER (OR OTHER NON-FLAMMABLE LIQUID)** Water (or other non-flammable liquid) must be used to cool a battery that has ignited to prevent the spread of heat to other cells in the battery. If water is not available, any non-flammable liquid may be used to cool the device. *Note.— Liquid may turn to steam when applied to the hot battery.*
5.	**LEAVE THE DEVICE IN ITS PLACE AND MONITOR FOR ANY REIGNITION** A battery involved in a fire can reignite and emit flames multiple times as heat is transferred to other cells in the battery. Therefore, the device must be monitored regularly to identify if there is any indication that a fire hazard may still exist. If there is any smoke or indication of fire, the device must be doused with more water (or other non-flammable liquid). **Caution:** a) Do not attempt to pick up or move the device; batteries may explode or burst into flames without warning. The device must not be moved if displaying any of the following: flames/flaring, smoke, unusual sounds (such as crackling), debris, or shards of material separating from the device. b) Do not cover or enclose the device as it could cause it to overheat. c) Do not use ice or dry ice to cool the device. Ice or other materials insulate the device, increasing the likelihood that additional battery cells will reach thermal runaway.
6.	**WHEN THE DEVICE HAS COOLED (e.g. APPROXIMATELY 10-15 MINUTES)** The device can be moved with caution following a certain period, once it has cooled down and if there is no evidence of smoke, heat, or if there is a reduction in the crackling or hissing sound usually associated with a lithium battery fire (e.g. after approximatly10-15 minutes). The waiting period may vary based on the device and its size. The different circumstances (e.g. types of devices, phase of flight) should be addressed in the operator's training programme. A suitable empty container, such as a pot, jug, galley unit or toilet waste bin, must be filled with enough water or non-flammable liquid to completely submerge the device. It is important to wear available protective equipment (e.g. protective breathing equipment, fire gloves), when moving any device involved in a fire. Once the device is completely submerged, the container used must be stowed and, if possible, secured to prevent spillage.
7.	**MONITOR THE DEVICE AND THE SURROUNDING AREA FOR THE REMAINDER OF THE FLIGHT** Monitor the device and the surrounding area for the remainder of the flight to verify that the device does not pose further hazard.

Amplified procedures for battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
8.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is stowed and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and the emergency response kit or any aircraft equipment used is replenished or replaced, if applicable.

3.4.2 Overhead bin battery / portable electronic device (PED) fire / smoke

Amplified procedures for overhead bin battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
1.	**APPLY FIREFIGHTING PROCEDURE** Any occurrence concerning a fire in the cabin should be notified immediately to the pilot-in-command who should be kept informed of all actions taken and of the effect. It is essential that the cabin crew and the flight crew coordinate their actions and that each is kept fully informed of the other's actions and intentions. Appropriate firefighting and emergency procedures must be used to deal with an overhead bin fire. In a multi-cabin crew operation, the actions detailed in the firefighting procedure should be conducted simultaneously. On aircraft operated with only one cabin crew member, the aid of a passenger should be sought in dealing with the situation. Halon, Halon replacement or water extinguisher should be used to extinguish the fire and prevent its spread to additional flammable materials. It is important to wear available protective equipment (e.g. protective breathing equipment, fire gloves) when fighting a fire. If fire develops, cabin crew should take prompt action to move passengers away from the area involved and, if necessary, provide wet towels or cloths and give instructions for passengers to breathe through them. Minimizing the spreading of smoke and fumes into the flight deck is critical for the continued safe operation of the aircraft, therefore it is essential to keep the flight deck door closed at all times. Crew communication and coordination are of utmost importance. The use of the interphone is the primary means of communication unless the interphone system fails.

Amplified procedures for overhead bin battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
2.	**IDENTIFY THE ITEM** It may not be possible to identify the item right away, especially if the fire has started in the overhead bin and the device is not readily accessible. If the device is visible and accessible or if the device is contained in baggage and flames are visible, the firefighting procedures should be applied as a first step. If smoke is coming from the overhead bin, but the device is not visible or accessible, or there is no indication of fire, the firefighting procedures should be applied as a first step. Afterwards, all baggage should be removed from the overhead bin with caution until the item can be identified. Once the item is identified, apply Steps 3 to 5. **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames. However, in certain situations cabin crew members may assess and deem it necessary to slightly open baggage to allow entry of the extinguishing agent and non-flammable liquid. This should be done with extreme caution and only after donning appropriate protective equipment available on the aircraft.
3.	**DOUSE THE DEVICE (BAGGAGE) WITH WATER (OR OTHER NON-FLAMMABLE LIQUID)** Water (or other non-flammable liquid) must be used to cool a battery that has ignited to prevent the spread of heat to other cells in the battery. If water is not available, any non-flammable liquid may be used to cool the device. *Note.— Liquid may turn to steam when applied to the hot battery.*
4.	**WHEN THE DEVICE HAS COOLED** The device should be moved from the overhead bin to prevent a hidden fire from potentially developing. The device can be moved with caution following a certain period, once it has cooled down and if there is no evidence of smoke, heat, or if there is a reduction in the crackling or hissing sound usually associated with a lithium battery fire. The waiting period may vary based on the device and its size. The different circumstances (e.g. types of devices, phase of flight) should be addressed in the operator's training programme. A suitable empty container, such as a pot, jug, galley unit or toilet waste bin, must be filled with enough water or non-flammable liquid to completely submerge the device. It is important to wear available protective equipment (e.g. protective breathing equipment, fire gloves), when moving any device involved in a fire. Once the device is completely submerged, the container used must be stowed and, if possible, secured to prevent spillage.

Amplified procedures for overhead bin battery / portable electronic device (PED) fire / smoke	
Step	*Cabin crew action*
5.	**MONITOR THE DEVICE AND THE SURROUNDING AREA FOR THE REMAINDER OF THE FLIGHT** Monitor the device and the surrounding area for the remainder of the flight to verify that the device does not pose further hazard.
6.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is stowed and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and the emergency response kit or any aircraft equipment used is replenished or replaced, if applicable.

3.4.3 Overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke

Amplified procedures for overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM** Identify the source of overheat or electrical smell. Ask the passenger concerned to identify the item.
2.	**INSTRUCT THE PASSENGER TO TURN OFF THE DEVICE IMMEDIATELY** It is important to instruct the passenger to turn off the device immediately.
3.	**REMOVE POWER** It is important to instruct the passenger or crew member to disconnect the device from the power supply, if it is deemed safe to do so. A battery has a higher likelihood of catching fire due to overheating during or immediately following a charging cycle, although the effects may be delayed for some period of time. By removing the external power supply from the device, it will be assured that additional energy is not being fed to the battery to promote a fire.

Amplified procedures for overheated battery / electrical smell involving a portable electronic device (PED) — no visible fire or smoke	
Step	*Cabin crew action*
	Turn off the in-seat power to the remaining electrical outlets until it can be assured that a malfunctioning aircraft system does not contribute to additional failures of the passengers' portable electronic devices. Visually check that power to the remaining electrical outlets remains off until the aircraft's system can be determined to be free of faults, if the device was previously plugged in. The removal of power may occur simultaneously to other cabin crew actions (e.g. obtaining water to douse the device). Depending on the aircraft type, in-seat power may have to be turned off by the fight crew members. It is important to verify that the device remains turned off for the duration of the flight. **Caution:** Do not attempt to remove the battery from the device.
4.	**INSTRUCT THE PASSENGER TO KEEP THE DEVICE VISIBLE AND MONITOR CLOSELY** The device must remain visible (not stowed such as in baggage or seat pocket or on a person (pocket)) and should be monitored closely. Unstable batteries may ignite even after the device is turned off. Verify that the device is stowed for landing.
5.	**IF SMOKE OR FLAMES APPEAR** If smoke or flames appear, apply the BATTERY / PORTABLE ELECTRONIC DEVICE (PED) FIRE / SMOKE procedures (see 3.4.1).
6.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is stowed and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and the emergency response kit or any aircraft equipment used is replenished or replaced, if applicable.

3.4.4 PED inadvertently crushed or damaged in electrically adjustable seat

Due to the design of some electrically adjustable passenger seats, a PED can slip under a seat covering and/or cushion, behind an armrest or down the side of a seat. Inadvertent crushing of the device poses a fire hazard.

Amplified procedures for PED inadvertently crushed or damaged in electrically adjustable seat	
Step	*Cabin crew action*
1.	**NOTIFY THE PILOT-IN-COMMAND / OTHER CABIN CREW MEMBERS** Any occurrence concerning a fire hazard in the cabin should be notified immediately to the pilot-in-command who should be kept informed of all actions taken and of the effect. It is essential that the cabin crew and the flight crew coordinate their actions and that each is kept fully informed of the other's actions and intentions.
2.	**OBTAIN INFORMATION FROM PASSENGER** Ask the passenger concerned to identify the item, and where he/she suspects it may have dropped or slipped into, and if he/she has moved the seat since misplacing the item.
3.	**RETRIEVE AND USE PROTECTIVE EQUIPMENT, IF AVAILABLE** If available, cabin crew members should don fire gloves before trying to retrieve the item.
4.	**RETRIEVE THE ITEM** To prevent crushing of the PED and reduce the potential fire hazard to the device and the surrounding area, cabin crew members and/or passengers must not use the electrical or mechanical seat functions in an attempt to retrieve the item. Move the passenger and, if applicable, the passenger seated next to the affected seat from the area, to facilitate the search. Do not move the seat. If the cabin crew member is unable to retrieve the item, it may be necessary to move the passenger to another seat.
5.	**IF SMOKE OR FLAMES APPEAR** If smoke or flames appear, apply the BATTERY / PORTABLE ELECTRONIC DEVICE (PED) FIRE / SMOKE procedures (see 3.4.1).
6.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is located and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and any aircraft equipment used is replenished or replaced, if applicable.

3.4.5 Fire involving dangerous goods

Amplified procedures for fire involving dangerous goods	
Step	*Cabin crew action*
1.	**IDENTIFY THE ITEM** Ask the passenger concerned to identify the item. The passenger may be able to give some guidance on the hazard(s) involved and how these could be dealt with. If the passenger can identify the item, refer to Section 4 of this document for the appropriate emergency response drill. It may not be possible to identify the item right away, especially if the source of the fire is unknown or the item is not readily accessible. In this case, firefighting procedures should be applied as a first step. Once it is possible to do so, identify the item after the fire is under control. If the item is contained in baggage, the crew's actions would be similar to the actions for an item that is visible or readily accessible. **Caution:** In order to avoid injury from a flash fire, it is not recommended to open the affected baggage when there is any indication of smoke or flames. However, in certain situations cabin crew members may assess and deem it necessary to slightly open baggage to allow entry of the extinguishing agent and non-flammable liquid. This should be done with extreme caution and only after donning appropriate protective equipment available on the aircraft.
2.	**APPLY THE FIREFIGHTING PROCEDURE** Any occurrence concerning a fire in the cabin should be notified immediately to the pilot-in-command who should be kept informed of all actions taken and of the effect. It is essential that the cabin crew and the flight crew coordinate their actions and that each is kept fully informed of the other's actions and intentions. Appropriate firefighting and emergency procedures must be used to deal with any fire. In a multi-cabin crew operation, the actions detailed in the firefighting procedure should be conducted simultaneously. On aircraft operated with only one cabin crew member, the aid of a passenger should be sought in dealing with the situation. In general, water should not be used on a spillage or when fumes are present since it may spread the spillage or increase the rate of fuming. Consideration should also be given to the possible presence of electrical components when using water extinguishers. If fire develops, cabin crew should take prompt action to move passengers away from the area involved and, if necessary, provide wet towels or cloths and give instructions for passengers to breathe through them. Minimizing the spreading of smoke and fumes into the flight deck is critical for the continued safe operation of the aircraft, therefore it is essential to keep the flight deck door closed at all times. Crew communication and coordination are of utmost importance. The use of the interphone is the primary means of communication unless the interphone system fails.

Amplified procedures for fire involving dangerous goods	
Step	*Cabin crew action*
3.	**MONITOR FOR ANY REIGNITION** Monitor the area regularly to identify if there is any indication that a fire hazard may still exist. If there is any smoke or indication of fire, continue to apply the firefighting procedure.
4.	**ONCE THE FIRE HAS BEEN EXTINGUISHED** In the event of a fire involving dangerous goods, the SPILLAGE OR LEAKAGE INVOLVING DANGEROUS GOODS procedures (see 3.4.6) may need to be applied once the fire has been extinguished.
5.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is stowed and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and the emergency response kit or any aircraft equipment used is replenished or replaced, if applicable.

3.4.6 Spillage or leakage of dangerous goods

Amplified procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
1.	**NOTIFY THE PILOT-IN-COMMAND / OTHER CABIN CREW MEMBERS** Any incident concerning dangerous goods should be notified immediately to the pilot-in-command who should be kept informed of all actions taken and of their effect. It is essential that the cabin crew and the flight crew coordinate their actions and that each is kept fully informed of the other's actions and intentions. Minimizing the spreading of smoke and fumes into the flight deck is critical for the continued safe operation of the aircraft, therefore it is essential to keep the flight deck door closed at all times. Crew communication and coordination are of utmost importance. The use of the interphone is the primary means of communication unless the interphone system fails.

Amplified procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
2.	**IDENTIFY THE ITEM** Ask the passenger concerned to identify the item and indicate its potential hazards. The passenger may be able to give some guidance on the hazard(s) involved and how these could be dealt with. If the passenger can identify the item, refer to Section 4 of this document for the appropriate emergency response drill. On aircraft with only one cabin crew member, consult with the pilot-in-command as to whether the aid of a passenger should be sought in dealing with the incident.
3.	**COLLECT EMERGENCY RESPONSE KIT OR OTHER USEFUL ITEMS** Collect emergency response kit, if provided, or collect for use in dealing with the spillage or leakage: — a supply of paper towels or newspapers or other absorbent paper or absorbent fabric (e.g. seat cushion covers, head rest protectors); — oven gloves or fire-resistant gloves, if available; — at least two large polyethylene waste bin bags; and — at least three smaller polyethylene bags, such as those used for duty-free or bar sales or, if none available, airsickness bags.
4.	**DON RUBBER GLOVES AND SMOKE HOOD** The hands should always be protected before touching suspicious packages or items. Fire-resistant gloves or oven gloves covered by polyethylene bags are likely to give suitable protection. Gas-tight breathing equipment should always be worn when attending to an incident involving smoke, fumes or fire.
5.	**MOVE PASSENGERS AWAY FROM AREA AND DISTRIBUTE WET TOWELS OR CLOTHS** The use of therapeutic oxygen bottles or the passenger drop-out oxygen system to assist passengers in a smoke- or fume-filled passenger cabin should not be considered since considerable quantities of fumes or smoke would be inhaled through the valves or holes in the masks. A more effective aid to passengers in a smoke- or fume-filled environment would be the use of a wet towel or cloth held over the mouth and nose. A wet towel or cloth aids in filtering and is more effective at doing this than a dry towel or cloth. Cabin crew should take prompt action if smoke or fumes develop and move passengers away from the area involved and, if possible, provide wet towels or cloths and give instructions to breathe through them.

Amplified procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
6.	**PLACE DANGEROUS GOODS ITEM IN POLYETHYLENE BAGS** . *Note.— In the case of a spill of known or suspected dangerous goods in powder form:* *— leave everything undisturbed;* *— do not use fire agent or water;* *— cover area with polyethylene or other plastic bags and blankets;* *— keep area isolated until after landing.* **With emergency response kit** If it is absolutely certain that the item will not create a problem, the decision may be made not to move it. In most circumstances, however, it will be better to move the item and this should be done as suggested below. Place the item in a polyethylene bag as follows: — prepare two bags by rolling up the sides and placing them on the floor; — place the item inside the first bag with the closure of the item, or the point from which it is leaking from its container, at the top; — take off the rubber gloves while avoiding skin contact with any contamination on them; — place the rubber gloves in the second bag; — close the first bag while squeezing out the excess air; — twist the open end of the first bag and use a bag tie to tie it sufficiently tight to be secure but not so tight that pressure equalization cannot take place; — place the first bag (containing the item) in the second bag, which already contains the rubber gloves and secure the open end in the same manner as that used for the first bag. **With no emergency response kit** Pick up the item and place it in a polyethylene bag. Ensure the receptacle containing the dangerous goods is kept upright or the area of leakage is at the top. Using paper towels, newspaper, etc., mop up the spillage, after having ascertained there will be no reaction between what is to be used to mop up and the dangerous goods. Place the soiled towels, etc., in another polyethylene bag. Place the gloves and bags used to protect the hands either in a separate small polyethylene bag or with the soiled towels. If extra bags are not available, place the towels, gloves, etc., in the same bag as the item. Expel excess air from the bags and close tightly so as to be secure but not so tight that pressure equalization cannot take place.

Amplified procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
7.	**STOW POLYETHYLENE BAGS** If there is a catering or bar box on board, empty any contents and place the box on the floor, with the door upward. Place the bag(s) containing the item and any soiled towels, etc., in the box and close the door. Take the box or, if there is no box, the bag(s) to a position as far away as possible from the flight deck and passengers. If a galley or toilet is fitted, consider taking the box or bag(s) there, unless it is close to the flight deck. Use a rear galley or toilet wherever possible, but do not place the box or bag(s) against the pressure bulkhead or fuselage wall. If a galley is used, the box or bag(s) can be stowed in an empty waste bin container. If a toilet is used, the box can be placed on the floor or the bag(s) stowed in an empty waste container. The toilet door should be locked from the outside. In a pressurized aircraft, if a toilet is used, any fumes will be vented away from passengers. However, if the aircraft is unpressurized there may not be positive pressure in a toilet to prevent fumes from entering the passenger cabin. Ensure when moving a box that the opening is kept upward or when moving a bag that either the receptacle containing the dangerous goods is kept upright or the area of leakage is kept at the top. Wherever the box or bag(s) have been located, wedge them firmly in place to prevent them from moving and to keep the item upright. Ensure that the position of the box or bags will not impede disembarkation from the aircraft.
8.	**TREAT AFFECTED SEAT CUSHIONS / COVERS IN THE SAME MANNER AS DANGEROUS GOODS ITEM** Seat cushions, seat backs or other furnishings which have been contaminated by a spillage should be removed from their fixtures and placed in a large bin bag or other polyethylene bag, together with any bags used initially to cover them. They should be stowed away in the same manner as the dangerous goods item causing the incident.
9.	**COVER SPILLAGE ON CARPET / FLOOR** Cover any spillage on the carpet or furnishings with a waste bag or other polyethylene bags, if available. If not, use airsickness bags opened out so that the plastic side covers the spillage or use the plastic covered emergency information cards. Carpet which has been contaminated by a spillage and which is still causing fumes despite being covered, should be rolled up, if possible, and placed in a large bin bag or other polyethylene bag. It should be placed in a waste bin and stowed, when possible, either in the rear toilet or rear galley. If the carpet cannot be removed it should remain covered by a large bin bag or polyethylene bags, etc., and additional bags should be used to reduce the fumes.

Amplified procedures for spillage or leakage of dangerous goods	
Step	*Cabin crew action*
10.	**REGULARLY INSPECT ITEMS STOWED AWAY / CONTAMINATED FURNISHINGS** Any dangerous goods, contaminated furnishings or equipment which have been removed and stowed away or covered for safety should be subject to regular inspection.
11.	**AFTER LANDING AT THE NEXT DESTINATION** Upon arrival, apply the operator's post-incident procedures. These may include identifying to ground personnel where the item is stowed and providing all information about the item. Complete the required documentation, as per operator procedures, so that the operator is notified of the event, proper maintenance action is undertaken and the emergency response kit or any aircraft equipment used is replenished or replaced, if applicable.

Section 4

CHART OF DRILLS AND LIST OF DANGEROUS GOODS WITH DRILL REFERENCE NUMBERS

This section consists of:

— a chart giving details of each emergency response drill (Table 4-1);

— an alphabetical list of dangerous goods with the appropriate drill code given for each entry (Table 4-2); and

— a list of dangerous goods, by United Nations number with the appropriate drill code for each entry (Table 4-3).

4.1 AIRCRAFT EMERGENCY RESPONSE DRILLS

The aircraft emergency response drills as shown in Table 4-1 are for the guidance of crew members when an incident occurs in flight which is, or might be, related to a particular package, or packages, containing dangerous goods.

When such a package has been identified, the corresponding entry on the pilot-in-command's dangerous goods notification form should be found. The applicable drill code may be given on the notification form, or if not given it can be found by noting the proper shipping name or the UN number on the notification form and by using the alphabetical or numerical list of dangerous goods given in Tables 4-2 and 4-3, respectively.

The drill code assigned to an item of dangerous goods consists of a number plus one or two letters. Referring to the chart of emergency response drills, each drill number corresponds to a line of information concerning the hazard posed by that substance and guidance on the preferable action that should be taken. The drill letter is shown separately on the drill chart; it indicates other possible hazards of the substance. In some cases, the guidance given by the drill number may be further refined by the information given by the drill letter(s).

4.2 ALPHABETICAL LIST OF DANGEROUS GOODS WITH DRILL CODES

The list of proper shipping names used for dangerous goods, arranged in alphabetical order, is shown in Table 4-2. For each entry, a drill code is shown and this should be used to find the appropriate drill on the chart of Aircraft Emergency Response Drills. The United Nations identification number is also listed to permit confirmation that the correct entry has been selected.

In a few cases, besides the proper shipping name, the UN number, packing group and/or the subsidiary hazard must also be used to identify the correct drill code. Where this is necessary, the possible UN numbers, packing groups and/or subsidiary hazards are given below the proper shipping name and the relevant drill code can be selected. These additional details are shown on the pilot-in-command's notification form.

In determining the alphabetical order of the proper shipping names, numbers and the terms n.o.s., alpha-, beta-, meta-, omega-, sec-, tert-, a-, b-, m-, N-, n-, O-, o- and p- have been ignored. Where names comprise more than one word, they have been alphabetized as if they were a single word.

4.3 NUMERICAL LIST OF DANGEROUS GOODS WITH DRILL CODES

The list of proper shipping names used for dangerous goods, arranged in numerical order of the associated UN identification number, is shown in Table 4-3. For each entry, a drill code is shown and this should be used to find the appropriate drill on the chart of Aircraft Emergency Response Drills.

In a few cases, besides the UN number, the class or division, the packing group or the subsidiary hazard must also be used to identify the correct drill code. Where this is necessary, the possible classes or divisions, packing groups or subsidiary hazards are given below the UN number and the relevant drill code can be selected. These additional details are shown on the pilot-in-command's notification form.

Where alternative proper shipping names can be used with the same UN number, these are all shown separated by oblique lines.

Those dangerous goods which have not yet been allocated a UN identification number are listed first.

4.4 DRILL CODES FOR ARTICLES CONTAINING DANGEROUS GOODS N.O.S.

The drill code assigned to the articles below is based on their primary hazard. The drill letter may need to be altered if there are also subsidiary hazard(s) to consider. Subsidiary hazards, when applicable, are assigned in accordance with Part 2;0.6 of the Technical Instructions.

UN 3537 — **Articles containing flammable gas, n.o.s.***
UN 3538 — **Articles containing non-flammable, non toxic gas, n.o.s.***
UN 3539 — **Articles containing toxic gas, n.o.s.***
UN 3540 — **Articles containing flammable liquid, n.o.s.***
UN 3541 — **Articles containing flammable solid, n.o.s.***
UN 3542 — **Articles containing a substance liable to spontaneous combustion, n.o.s.***
UN 3543 — **Articles containing a substance which emits flammable gas in contact with water, n.o.s.***
UN 3544 — **Articles containing oxidizing substance, n.o.s.***
UN 3545 — **Articles containing organic peroxide, n.o.s.***
UN 3546 — **Articles containing toxic substance, n.o.s.***
UN 3547 — **Articles containing corrosive substance, n.o.s.***
UN 3548 — **Articles containing miscellaneous dangerous goods, n.o.s.***

Table 4-1. Aircraft Emergency Response Drills

1. COMPLETE APPROPRIATE AIRCRAFT EMERGENCY PROCEDURES.
2. CONSIDER LANDING AS SOON AS PRACTICABLE.
3. USE DRILL FROM THE CHART BELOW.

DRILL NO.	INHERENT HAZARD	HAZARD TO AIRCRAFT	HAZARD TO OCCUPANTS	SPILL OR LEAK PROCEDURE	FIREFIGHTING PROCEDURE	ADDITIONAL CONSIDERATIONS
1	Explosion may cause structural failure	Fire and/or explosion	As indicated by the drill letter(s)	Use 100% oxygen; no smoking	All agents according to availability; use standard fire procedure	Possible abrupt loss of pressurization
2	Gas, non-flammable, pressure may create hazard in fire	Minimal	As indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation for "A", "i" or "P" drill letter	All agents according to availability; use standard fire procedure	Possible abrupt loss of pressurization
3	Flammable liquid or solid	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability; no water on "W" drill letter	Possible abrupt loss of pressurization
4	Spontaneously combustible or pyrophoric when exposed to air	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability; no water on "W" drill letter	Possible abrupt loss of pressurization; minimum electrics if "F" or "H" drill letter
5	Oxidizer, may ignite other materials, may explode in heat of a fire	Fire and/or explosion, possible corrosion damage	Eye, nose and throat irritation; skin damage on contact	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability; no water on "W" drill letter	Possible abrupt loss of pressurization
6	Toxic*, may be fatal if inhaled, ingested, or absorbed by skin	Contamination with toxic* liquid or solid	Acute toxicity, effects may be delayed	Use 100% oxygen; establish and maintain maximum ventilation; do not touch without gloves	All agents according to availability; no water on "W" drill letter	Possible abrupt loss of pressurization; minimum electrics if "F" or "H" drill letter
7	Radiation from broken/unshielded packages	Contamination with spilled radioactive material	Exposure to radiation, and personnel contamination	Do not move packages; avoid contact	All agents according to availability	Call for a qualified person to meet the aircraft
8	Corrosive, fumes disabling if inhaled or in contact with skin	Possible corrosion damage	Eye, nose and throat irritation; skin damage on contact	Use 100% oxygen; establish and maintain maximum ventilation; do not touch without gloves	All agents according to availability; no water on "W" drill letter	Possible abrupt loss of pressurization; minimum electrics if "F" or "H" drill letter

DRILL NO.	INHERENT HAZARD	HAZARD TO AIRCRAFT	HAZARD TO OCCUPANTS	SPILL OR LEAK PROCEDURE	FIREFIGHTING PROCEDURE	ADDITIONAL CONSIDERATIONS
9	No general inherent hazard	As indicated by the drill letter	As indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation if "A" drill letter	All agents according to availability	None
10	Gas, flammable, high fire risk if any ignition source present	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability	Possible abrupt loss of pressurization
11	Infectious substances may affect humans or animals if inhaled, ingested or absorbed through the mucous membrane or an open wound	Contamination with Infectious substances	Delayed infection to humans or animals	Do not touch. Minimum re-circulation and ventilation in affected area	All agents according to availability. No water on "Y" drill letter	Call for a qualified person to meet the aircraft
12	Fire, heat, smoke, toxic and flammable vapour	Fire and/or explosion	Smoke, fumes, heat	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability. Use water if available	Possible abrupt loss of pressurization; consider landing immediately

DRILL LETTER	ADDITIONAL HAZARD	DRILL LETTER	ADDITIONAL HAZARD
A	ANAESTHETIC	S	SPONTANEOUSLY COMBUSTIBLE OR PYROPHORIC
C	CORROSIVE	W	IF WET GIVES OFF TOXIC* OR FLAMMABLE GAS
E	EXPLOSIVE	X	OXIDIZER
F	FLAMMABLE	Y	DEPENDING ON THE TYPE OF INFECTIOUS SUBSTANCE, THE APPROPRIATE NATIONAL AUTHORITY MAY BE REQUIRED TO QUARANTINE INDIVIDUALS, ANIMALS, CARGO AND THE AIRCRAFT
H	HIGHLY IGNITABLE		
i	IRRITANT / TEAR PRODUCING		
L	OTHER HAZARD LOW OR NONE	Z	AIRCRAFT CARGO FIRE SUPPRESSION SYSTEM MAY NOT EXTINGUISH OR CONTAIN THE FIRE; CONSIDER LANDING IMMEDIATELY
M	MAGNETIC		
N	NOXIOUS		
P	TOXIC* (POISON)		

* Toxic has the same meaning as poison.

Table 4-2. Alphabetical List of Dangerous Goods with Drill Codes

UN No.	Drill Code	Proper shipping name
1088	3H	Acetal
1089	3H	Acetaldehyde
1841	9L	Acetaldehyde ammonia
2332	3L	Acetaldehyde oxime
2789	8F	Acetic acid, glacial
2789	8F	Acetic acid solution
2790	8L	Acetic acid solution
1715	8F	Acetic anhydride
1090	3H	Acetone
1541	6L	Acetone cyanohydrin, stabilized
1091	3L	Acetone oils
1648	3L	Acetonitrile
1716	8L	Acetyl bromide
1717	3C	Acetyl chloride
1001	10L	Acetylene, dissolved
3374	10L	Acetylene, solvent free
1898	8L	Acetyl iodide
2621	3L	Acetyl methyl carbinol
2713	6L	Acridine
2607	3L	Acrolein dimer, stabilized
1092	6H	Acrolein, stabilized
2074	6L	Acrylamide, solid
3426	6L	Acrylamide solution
2218	8F	Acrylic acid, stabilized
1093	3P	Acrylonitrile, stabilized
1133	3L	Adhesives
2205	6L	Adiponitrile
3511	2L	Adsorbed gas, n.o.s.*
3510	10L	Adsorbed gas, flammable, n.o.s.*
3513	2X	Adsorbed gas, oxidizing, n.o.s.*
3512	2P	Adsorbed gas, toxic, n.o.s.*
3516	2CP	Adsorbed gas, toxic, corrosive, n.o.s.*
3514	10P	Adsorbed gas, toxic, flammable, n.o.s.*
3517	10C	Adsorbed gas, toxic, flammable, corrosive, n.o.s.*
3515	2PX	Adsorbed gas, toxic, oxidizing, n.o.s.*
3518	2PX	Adsorbed gas, toxic, oxidizing, corrosive, n.o.s.*
1950		Aerosols
	10L	Division 2.1 without subsidiary risk
	10C	Division 2.1 with subsidiary risk 8
	10CP	Division 2.1 with subsidiary risks 6.1 and 8
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2C	Division 2.2 with subsidiary risk 8
	2CP	Division 2.2 with subsidiary risks 6.1 and 8
	2P	Division 2.3 without subsidiary risk or Division 2.2 with subsidiary risk 6.1 (including tear gas devices)
	10P	Division 2.3 with subsidiary risk 2.1 or Division 2.1 with subsidiary risk 6.1 (including tear gas devices)
0331	1L	Agent, blasting, type B
0332	1L	Agent, blasting, type E
1002	2L	Air, compressed
3165	3CP	Aircraft hydraulic power unit fuel tank
1003	2X	Air, refrigerated liquid
3274	3C	Alcoholates solution, n.o.s.*
3065	3L	Alcoholic beverages
1987	3L	Alcohols, n.o.s.*
1986		Alcohols, flammable, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
1989		Aldehydes, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
1988		Aldehydes, flammable, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
2839	6L	Aldol
3206	4C	Alkali metal alcoholates, self-heating, corrosive, n.o.s.*
1389	4W	Alkali metal amalgam, liquid
3401	4W	Alkali metal amalgam, solid
1390	4W	Alkali metal amides
1391	4W	Alkali metal dispersion
3482	4W	Alkali metal dispersion, flammable
3205	4L	Alkaline earth metal alcoholates, n.o.s.*

UN No.	Drill Code	Proper shipping name
1393	4W	Alkaline earth metal alloy, n.o.s.
1392	4W	Alkaline earth metal amalgam, liquid
3402	4W	Alkaline earth metal amalgam, solid
1391	4W	Alkaline earth metal dispersion
3482	4W	Alkaline earth metal dispersion, flammable
3140	6L	Alkaloid salts, liquid, n.o.s.*
1544	6L	Alkaloid salts, solid, n.o.s.*
3140	6L	Alkaloids, liquid, n.o.s.*
1544	6L	Alkaloids, solid, n.o.s.*
3145	8L	Alkylphenols, liquid, n.o.s.
2430	8L	Alkylphenols, solid, n.o.s.
2584	8L	Alkylsulphonic acids, liquid
2586	8L	Alkylsulphonic acids, liquid
2583	8L	Alkylsulphonic acids, solid
2585	8L	Alkylsulphonic acids, solid
2571	8L	Alkylsulphuric acids
2333	3P	Allyl acetate
1098	6F	Allyl alcohol
2334	6H	Allylamine
1099	3P	Allyl bromide
1100	3P	Allyl chloride
1722	6CF	Allyl chloroformate
2335	3P	Allyl ethyl ether
2336	3P	Allyl formate
2219	3L	Allyl glycidyl ether
1723	3C	Allyl iodide
1545	6F	Allyl isothiocyanate, stabilized
1724	8F	Allyltrichlorosilane, stabilized
2870	4W	Aluminium borohydride
2870	4W	Aluminium borohydride in devices
1725	8L	Aluminium bromide, anhydrous
2580	8L	Aluminium bromide solution
1394	4W	Aluminium carbide
1726	8L	Aluminium chloride, anhydrous
2581	8L	Aluminium chloride solution
1395	4PW	Aluminium ferrosilicon powder
2463	4W	Aluminium hydride
1438	5L	Aluminium nitrate
1397	4PW	Aluminium phosphide
3048	6W	Aluminium phosphide pesticide
1309	3L	Aluminium powder, coated
1396	4W	Aluminium powder, uncoated
3170	4W	Aluminium remelting by-products
2715	3L	Aluminium resinate
1398	4W	Aluminium silicon powder, uncoated
3170	4W	Aluminium smelting by-products
2733	3C	Amines, flammable, corrosive, n.o.s.*
2735	8L	Amines, liquid, corrosive, n.o.s.*
2734	8F	Amines, liquid, corrosive, flammable, n.o.s.*
3259	8L	Amines, solid, corrosive, n.o.s.*
2673	6L	2-Amino-4-chlorophenol
2946	6L	2-Amino-5-diethylaminopentane
3317	3E	2-Amino-4,6-dinitrophenol, wetted
3055	8L	2-(2-Aminoethoxy)ethanol
2815	8P	N-Aminoethylpiperazine
2512	6L	Aminophenols
2671	6L	Aminopyridines
1005	2CP	Ammonia, anhydrous
2073	2L	Ammonia solution
2672	8L	Ammonia solution
3318	2CP	Ammonia solution
1546	6L	Ammonium arsenate
1439	5L	Ammonium dichromate
1843	6L	Ammonium dinitro-o-cresolate, solid
3424	6L	Ammonium dinitro-o-cresolate solution
2505	6L	Ammonium fluoride
2854	6L	Ammonium fluorosilicate
1727	8L	Ammonium hydrogendifluoride, solid
2817	8P	Ammonium hydrogendifluoride solution
2506	8L	Ammonium hydrogen sulphate
2859	6L	Ammonium metavanadate
0222	1L	Ammonium nitrate
1942	5L	Ammonium nitrate
2067	5L	Ammonium nitrate based fertilizer
2071	9L	Ammonium nitrate based fertilizer
3375	5L	Ammonium nitrate emulsion
3375	5L	Ammonium nitrate gel
2426	5L	Ammonium nitrate, liquid
3375	5L	Ammonium nitrate suspension
0402	1L	Ammonium perchlorate
1442	5L	Ammonium perchlorate
1444	5L	Ammonium persulphate
0004	1L	Ammonium picrate
1310	3E	Ammonium picrate, wetted
2818	8P	Ammonium polysulphide solution
2861	6L	Ammonium polyvanadate
2683	8FP	Ammonium sulphide solution
0171	1L	Ammunition, illuminating
0254	1L	Ammunition, illuminating
0297	1L	Ammunition, illuminating

UN No.	Drill Code	Proper shipping name
0010	1L	Ammunition, incendiary
0247	1L	Ammunition, incendiary
0300	1L	Ammunition, incendiary
0243	1L	Ammunition, incendiary, white phosphorus
0244	1L	Ammunition, incendiary, white phosphorus
0362	1L	Ammunition, practice
0488	1L	Ammunition, practice
0363	1L	Ammunition, proof
0015	1L	Ammunition, smoke
0016	1L	Ammunition, smoke
0303	1L	Ammunition, smoke
0245	1L	Ammunition, smoke, white phosphorus
0246	1L	Ammunition, smoke, white phosphorus
0018	1CP	Ammunition, tear-producing
0019	1CP	Ammunition, tear-producing
0301	1CP	Ammunition, tear-producing
2017	6C	Ammunition, tear-producing, non-explosive
0020	1P	Ammunition, toxic*
0021	1P	Ammunition, toxic*
2016	6L	Ammunition, toxic, non-explosive
1104	3L	Amyl acetates
2819	8L	Amyl acid phosphate
1106	3C	Amylamine
2620	3L	Amyl butyrates
1107	3L	Amyl chloride
1108	3H	n-Amylene
1109	3L	Amyl formates
1111	3L	Amyl mercaptan
1110	3L	n-Amyl methyl ketone
1112	3L	Amyl nitrate
1113	3H	Amyl nitrite
1728	8L	Amyltrichlorosilane
1547	6L	Aniline
1548	6L	Aniline hydrochloride
2431	6L	Anisidines
2222	3L	Anisole
1729	8L	Anisoyl chloride
3141	6L	Antimony compound, inorganic, liquid, n.o.s.*
1549	6L	Antimony compound, inorganic, solid, n.o.s.*
1550	6L	Antimony lactate
1730	8L	Antimony pentachloride, liquid
1731	8L	Antimony pentachloride solution
1732	8P	Antimony pentafluoride
1551	6L	Antimony potassium tartrate
2871	6L	Antimony powder
1733	8L	Antimony trichloride
1006	2L	Argon, compressed
1951	2L	Argon, refrigerated liquid
1558	6L	Arsenic
1553	6L	Arsenic acid, liquid
1554	6L	Arsenic acid, solid
1562	6L	Arsenical dust
2760	3P	Arsenical pesticide, liquid, flammable, toxic*
2994	6L	Arsenical pesticide, liquid, toxic*
2993	6F	Arsenical pesticide, liquid, toxic, flammable*
2759	6L	Arsenical pesticide, solid, toxic*
1555	6L	Arsenic bromide
1556	6L	Arsenic compound, liquid, n.o.s.*
1557	6L	Arsenic compound, solid, n.o.s.*
1559	6L	Arsenic pentoxide
1560	6L	Arsenic trichloride
1561	6L	Arsenic trioxide
2188	10P	Arsine
3522	10P	Arsine, adsorbed
3542	4L	Articles containing a substance liable to spontaneous combustion, n.o.s.*
3543	4W	Articles containing a substance which emits flammable gas in contact with water, n.o.s.*
3547	8L	Articles containing corrosive substance, n.o.s.*
3537	10L	Articles containing flammable gas, n.o.s.*
3540	3L	Articles containing flammable liquid, n.o.s.*
3541	3L	Articles containing flammable solid, n.o.s.*
3548	9L	Articles containing miscellaneous dangerous goods, n.o.s.*
3538	2L	Articles containing non-flammable, non toxic gas, n.o.s.*
3545	5L	Articles containing organic peroxide, n.o.s.*
3544	5L	Articles containing oxidizing substance, n.o.s.*
3539	2P	Articles containing toxic gas, n.o.s.*
3546	6L	Articles containing toxic substance, n.o.s.*
0486	1L	Articles, EEI
0349	3L	Articles, explosive, n.o.s.*
0350	1L	Articles, explosive, n.o.s.*
0351	1L	Articles, explosive, n.o.s.*
0352	1L	Articles, explosive, n.o.s.*

UN No.	Drill Code	Proper shipping name
0353	1L	Articles, explosive, n.o.s.*
0354	1L	Articles, explosive, n.o.s.*
0355	1L	Articles, explosive, n.o.s.*
0356	1L	Articles, explosive, n.o.s.*
0462	1L	Articles, explosive, n.o.s.*
0463	1L	Articles, explosive, n.o.s.*
0464	1L	Articles, explosive, n.o.s.*
0465	1L	Articles, explosive, n.o.s.*
0466	1L	Articles, explosive, n.o.s.*
0467	1L	Articles, explosive, n.o.s.*
0468	1L	Articles, explosive, n.o.s.*
0469	1L	Articles, explosive, n.o.s.*
0470	1L	Articles, explosive, n.o.s.*
0471	1L	Articles, explosive, n.o.s.*
0472	1L	Articles, explosive, n.o.s.*
0486	1L	Articles, explosive, extremely insensitive
3164	2L	Articles, pressurized, hydraulic
3164	2L	Articles, pressurized, pneumatic
0380	1S	Articles, pyrophoric
0428	1L	Articles, pyrotechnic
0429	1L	Articles, pyrotechnic
0430	1L	Articles, pyrotechnic
0431	1L	Articles, pyrotechnic
0432	3L	Articles, pyrotechnic
2584	8L	Arylsulphonic acids, liquid
2586	8L	Arylsulphonic acids, liquid
2583	8L	Arylsulphonic acids, solid
2585	8L	Arylsulphonic acids, solid
2212	9L	Asbestos, amphibole*
2590	9L	Asbestos, chrysotile
3334	9A	Aviation regulated liquid, n.o.s.*
3335	9A	Aviation regulated solid, n.o.s.*
3242	3L	Azodicarbonamide
1400	4W	Barium
1854	4W	Barium alloys, pyrophoric
0224	1P	Barium azide
1571	3EP	Barium azide, wetted
2719	5P	Barium bromate
1445	5P	Barium chlorate, solid
3405	5P	Barium chlorate solution
1564	6L	Barium compound, n.o.s.*
1565	6L	Barium cyanide
2741	5P	Barium hypochlorite
1446	5P	Barium nitrate
1884	6L	Barium oxide
1447	5P	Barium perchlorate, solid
3406	5P	Barium perchlorate solution
1448	5P	Barium permanganate
1449	5P	Barium peroxide
3292	4W	Batteries, containing sodium
3028	8L	Batteries, dry, containing potassium hydroxide solid
3496	9L	Batteries, nickel-metal hydride
2794	8L	Batteries, wet, filled with acid
2795	8L	Batteries, wet, filled with alkali
2800	8L	Batteries, wet, non-spillable
2796	8L	Battery fluid, acid
2797	8L	Battery fluid, alkali
3171	9L	Battery-powered equipment
3171	9L	Battery-powered vehicle
1990	9N	Benzaldehyde
1114	3H	Benzene
2225	8L	Benzenesulphonyl chloride
1885	6L	Benzidine
2224	6L	Benzonitrile
2587	6L	Benzoquinone
2226	8L	Benzotrichloride
2338	3L	Benzotrifluoride
1736	8W	Benzoyl chloride
1737	6C	Benzyl bromide
1738	6C	Benzyl chloride
1739	8L	Benzyl chloroformate
2619	8F	Benzyldimethylamine
1886	6L	Benzylidene chloride
2653	6L	Benzyl iodide
1566	6L	Beryllium compound, n.o.s.*
2464	5P	Beryllium nitrate
1567	6F	Beryllium powder
1327	3L	Bhusa
2251	3L	Bicyclo [2.2.1] hepta-2-5-diene, stabilized
3373	11L	Biological substance, Category B
3291	11L	Biomedical waste, n.o.s.
2782	3P	Bipyridilium pesticide, liquid, flammable, toxic*
3016	6L	Bipyridilium pesticide, liquid, toxic*
3015	6F	Bipyridilium pesticide, liquid, toxic, flammable*
2781	6L	Bipyridilium pesticide, solid, toxic*
2837	8L	Bisulphates, aqueous solution
2693	8L	Bisulphites, aqueous solution, n.o.s.*
0027	1L	Black powder
0028	1L	Black powder, compressed
0028	1L	Black powder in pellets
0033	1L	Bombs
0034	1L	Bombs
0035	1L	Bombs

UN No.	Drill Code	Proper shipping name
0291	1L	Bombs
0037	1L	Bombs, photo-flash
0038	1L	Bombs, photo-flash
0039	1L	Bombs, photo-flash
0299	1L	Bombs, photo-flash
2028	8L	Bombs, smoke, non-explosive
0399	1L	Bombs with flammable liquid
0400	1L	Bombs with flammable liquid
0042	1L	Boosters
0283	1L	Boosters
0225	1L	Boosters with detonator
0268	1L	Boosters with detonator
1312	3L	Borneol
2692	8L	Boron tribromide
1741	2CP	Boron trichloride
1008	2CP	Boron trifluoride
1742	8L	Boron trifluoride acetic acid complex, liquid
3419	8L	Boron trifluoride acetic acid complex, solid
3519	2CP	Boron trifluoride, adsorbed
2604	8F	Boron trifluoride diethyl etherate
2851	8L	Boron trifluoride dihydrate
2965	4FW	Boron trifluoride dimethyl etherate
1743	8L	Boron trifluoride propionic acid complex, liquid
3420	8L	Boron trifluoride propionic acid complex, solid
1450	5L	Bromates, inorganic, n.o.s.*
3213	5L	Bromates, inorganic, aqueous solution, n.o.s.*
1744	8P	Bromine
2901	2PX	Bromine chloride
1745	5CP	Bromine pentafluoride
1744	8P	Bromine solution
1746	5CP	Bromine trifluoride
3425	8L	Bromoacetic acid, solid
1938	8L	Bromoacetic acid solution
1569	6F	Bromoacetone
2513	8L	Bromoacetyl bromide
2514	3L	Bromobenzene
1694	6i	Bromobenzyl cyanides, liquid
3449	6L	Bromobenzyl cyanides, solid
1126	3L	1-Bromobutane
2339	3L	2-Bromobutane
1887	6L	Bromochloromethane
2688	6L	1-Bromo-3-chloropropane
2340	3L	2-Bromoethyl ethyl ether
2515	6L	Bromoform
2341	3L	1-Bromo-3-methylbutane
2342	3L	Bromomethylpropanes
3241	3L	2-Bromo-2-nitropropane-1,3-diol
2343	3L	2-Bromopentane
2344	3L	Bromopropanes
2345	3L	3-Bromopropyne
2419	10L	Bromotrifluoroethylene
1009	2L	Bromotrifluoromethane
1570	6L	Brucine
0043	1L	Bursters
1010	10L	Butadienes and hydrocarbon mixture, stabilized
1010	10L	Butadienes, stabilized
1011	10L	Butane
2346	3L	Butanedione
1120	3L	Butanols
1123	3L	Butyl acetates
1718	8L	Butyl acid phosphate
2348	3L	Butyl acrylates, stabilized
1125	3C	n-Butylamine
2738	6L	N-Butylaniline
2709	3L	Butylbenzenes
2743	6CF	n-Butyl chloroformate
2747	6L	tert-Butylcyclohexyl chloroformate
1012	10L	Butylene
3022	3H	1,2-Butylene oxide, stabilized
1128	3L	n-Butyl formate
3255	4C	tert-Butyl hypochlorite
2690	6L	N,n-Butylimidazole
2485	6F	n-Butyl isocyanate
2484	6F	tert-Butyl isocyanate
2347	3L	Butyl mercaptan
2227	3L	n-Butyl methacrylate, stabilized
2350	3L	Butyl methyl ether
2351	3L	Butyl nitrites
1914	3L	Butyl propionates
2667	6L	Butyltoluenes
1747	8F	Butyltrichlorosilane
2956	3E	5-tert-Butyl-2,4,6-trinitro-m-xylene
2352	3L	Butyl vinyl ether, stabilized
2716	6L	1,4-Butynediol
1129	3L	Butyraldehyde
2840	3L	Butyraldoxime
2820	8L	Butyric acid
2739	8L	Butyric anhydride
2411	3P	Butyronitrile
2353	3C	Butyryl chloride
1572	6L	Cacodylic acid
2570	6L	Cadmium compound*
1407	4W	Caesium
2682	8L	Caesium hydroxide
2681	8L	Caesium hydroxide solution

UN No.	Drill Code	Proper shipping name
1451	5L	Caesium nitrate
1401	4W	Calcium
1855	4W	Calcium alloys, pyrophoric
1573	6L	Calcium arsenate
1574	6L	Calcium arsenate and calcium arsenite mixture, solid
1402	4W	Calcium carbide
1452	5L	Calcium chlorate
2429	5L	Calcium chlorate, aqueous solution
1453	5L	Calcium chlorite
1403	4W	Calcium cyanamide
1575	6L	Calcium cyanide
1923	4L	Calcium dithionite
1404	4W	Calcium hydride
1923	4L	Calcium hydrosulphite
1748	5L	Calcium hypochlorite, dry
3485	5C	Calcium hypochlorite, dry, corrosive
2880	5L	Calcium hypochlorite, hydrated
3487	5C	Calcium hypochlorite, hydrated, corrosive
2880	5L	Calcium hypochlorite, hydrated mixture
3487	5C	Calcium hypochlorite, hydrated mixture, corrosive
1748	5L	Calcium hypochlorite mixture, dry
2208	5L	Calcium hypochlorite mixture, dry
3485	5C	Calcium hypochlorite mixture, dry, corrosive
3486	5C	Calcium hypochlorite mixture, dry, corrosive
2844	4W	Calcium manganese silicon
1454	5L	Calcium nitrate
1910	8L	Calcium oxide
1455	5L	Calcium perchlorate
1456	5L	Calcium permanganate
1457	5L	Calcium peroxide
1360	4PW	Calcium phosphide
1855	4W	Calcium, pyrophoric
1313	3L	Calcium resinate
1314	3L	Calcium resinate, fused
1405	4W	Calcium silicide
2717	3L	Camphor
1130	3L	Camphor oil
3508	9L	Capacitor, asymmetric
3499	9L	Capacitor, electric double layer
2829	8L	Caproic acid
2758	3P	Carbamate pesticide, liquid, flammable, toxic*
2992	6L	Carbamate pesticide, liquid, toxic*
2991	6F	Carbamate pesticide, liquid, toxic, flammable*
2757	6L	Carbamate pesticide, solid, toxic*
1361	4L	Carbon
1362	4L	Carbon, activated
1013	2L	Carbon dioxide
2187	2L	Carbon dioxide, refrigerated liquid
1845	9L	Carbon dioxide, solid
1131	3HP	Carbon disulphide
1016	10P	Carbon monoxide, compressed
2516	6L	Carbon tetrabromide
1846	6L	Carbon tetrachloride
2417	2CP	Carbonyl fluoride
2204	10P	Carbonyl sulphide
0049	1L	Cartridges, flash
0050	1L	Cartridges, flash
0014	3L	Cartridges for tools, blank
0005	1L	Cartridges for weapons
0006	1L	Cartridges for weapons
0007	1L	Cartridges for weapons
0321	1L	Cartridges for weapons
0348	1L	Cartridges for weapons
0412	1L	Cartridges for weapons
0014	3L	Cartridges for weapons, blank
0326	1L	Cartridges for weapons, blank
0327	1L	Cartridges for weapons, blank
0338	1L	Cartridges for weapons, blank
0413	1L	Cartridges for weapons, blank
0012	3L	Cartridges for weapons, inert projectile
0328	1L	Cartridges for weapons, inert projectile
0339	1L	Cartridges for weapons, inert projectile
0417	1L	Cartridges for weapons, inert projectile
0277	1L	Cartridges, oil well
0278	1L	Cartridges, oil well
0275	1L	Cartridges, power device
0276	1L	Cartridges, power device
0323	3L	Cartridges, power device
0381	1L	Cartridges, power device
0054	1L	Cartridges, signal
0312	1L	Cartridges, signal
0405	3L	Cartridges, signal
0012	3L	Cartridges, small arms
0339	1L	Cartridges, small arms
0417	1L	Cartridges, small arms
0014	3L	Cartridges, small arms, blank
0327	1L	Cartridges, small arms, blank
0338	1L	Cartridges, small arms, blank
0055	3L	Cases, cartridge, empty, with primer

UN No.	Drill Code	Proper shipping name
0379	1L	Cases, cartridge, empty, with primer
0446	1L	Cases, combustible, empty, without primer
0447	1L	Cases, combustible, empty, without primer
2969	9L	Castor beans
2969	9L	Castor flake
2969	9L	Castor meal
2969	9L	Castor pomace
1719	8L	Caustic alkali liquid, n.o.s.*
3292	4W	Cells, containing sodium
2000	3L	Celluloid
2002	4L	Celluloid, scrap
1333	3L	Cerium
3078	4W	Cerium
0457	1L	Charges, bursting, plastics bonded
0458	1L	Charges, bursting, plastics bonded
0459	1L	Charges, bursting, plastics bonded
0460	3L	Charges, bursting, plastics bonded
0048	1L	Charges, demolition
0056	1L	Charges, depth
0442	1L	Charges, explosive, commercial
0443	1L	Charges, explosive, commercial
0444	1L	Charges, explosive, commercial
0445	3L	Charges, explosive, commercial
0271	1L	Charges, propelling
0272	1L	Charges, propelling
0415	1L	Charges, propelling
0491	1L	Charges, propelling
0242	1L	Charges, propelling, for cannon
0279	1L	Charges, propelling, for cannon
0414	1L	Charges, propelling, for cannon
0059	1L	Charges, shaped
0439	1L	Charges, shaped
0440	1L	Charges, shaped
0441	3L	Charges, shaped
0237	1L	Charges, shaped, flexible, linear
0288	1L	Charges, shaped, flexible, linear
0060	1L	Charges, supplementary, explosive
3316	9L	Chemical kit
3315	6L	Chemical sample, toxic
3500	2L	Chemical under pressure, n.o.s.*
3503	2C	Chemical under pressure, corrosive, n.o.s.*
3501	10L	Chemical under pressure, flammable, n.o.s.*
3505	10C	Chemical under pressure, flammable, corrosive, n.o.s.*
3504	10P	Chemical under pressure, flammable, toxic, n.o.s.*
3502	2P	Chemical under pressure, toxic, n.o.s.*
2075	6L	Chloral, anhydrous, stabilized
1458	5L	Chlorate and borate mixture
1459	5L	Chlorate and magnesium chloride mixture, solid
3407	5L	Chlorate and magnesium chloride mixture solution
1461	5L	Chlorates, inorganic, n.o.s.*
3210	5L	Chlorates, inorganic, aqueous solution, n.o.s.*
2626	5L	Chloric acid, aqueous solution
1017	2PX	Chlorine
3520	2PX	Chlorine, adsorbed
2548	2PX	Chlorine pentafluoride
1749	2PX	Chlorine trifluoride
1462	5L	Chlorites, inorganic, n.o.s.*
1908	8L	Chlorite solution
3250	6C	Chloroacetic acid, molten
1751	6C	Chloroacetic acid, solid
1750	6C	Chloroacetic acid solution
1695	6Fi	Chloroacetone, stabilized
2668	6F	Chloroacetonitrile
3416	6i	Chloroacetophenone, liquid
1697	6i	Chloroacetophenone, solid
1752	6Ci	Chloroacetyl chloride
2019	6L	Chloroanilines, liquid
2018	6L	Chloroanilines, solid
2233	6L	Chloroanisidines
1134	3L	Chlorobenzene
2234	3L	Chlorobenzotrifluorides
2235	6L	Chlorobenzyl chlorides, liquid
3427	6L	Chlorobenzyl chlorides, solid
1127	3L	Chlorobutanes
3437	6L	Chlorocresols, solid
2669	6L	Chlorocresols solution
1974	2L	Chlorodifluorobromomethane
2517	10L	1-Chloro-1,1-difluoroethane
1018	2L	Chlorodifluoromethane
1973	2L	Chlorodifluoromethane and chloropentafluoroethane mixture
1577	6L	Chlorodinitrobenzenes, liquid
3441	6L	Chlorodinitrobenzenes, solid
2232	6L	2-Chloroethanal
1888	6A	Chloroform
3277	6C	Chloroformates, toxic, corrosive, n.o.s.*
2742	6CF	Chloroformates, toxic, corrosive, flammable, n.o.s.*
2745	6C	Chloromethyl chloroformate
2354	3P	Chloromethyl ethyl ether

UN No.	Drill Code	Proper shipping name
2236	6L	3-Chloro-4-methylphenyl isocyanate, liquid
3428	6L	3-Chloro-4-methylphenyl isocyanate, solid
2237	6L	Chloronitroanilines
3409	6L	Chloronitrobenzenes, liquid
1578	6L	Chloronitrobenzenes, solid
2433	6L	Chloronitrotoluenes, liquid
3457	6L	Chloronitrotoluenes, solid
1020	2L	Chloropentafluoroethane
2904	8L	Chlorophenolates, liquid
2905	8L	Chlorophenolates, solid
2021	6L	Chlorophenols, liquid
2020	6L	Chlorophenols, solid
1753	8L	Chlorophenyltrichlorosilane
1580	6L	Chloropicrin
1581	2P	Chloropicrin and methyl bromide mixture
1582	2P	Chloropicrin and methyl chloride mixture
1583	6L	Chloropicrin mixture, n.o.s.*
2507	8L	Chloroplatinic acid, solid
1991	3HP	Chloroprene, stabilized
1278	3H	1-Chloropropane
2356	3H	2-Chloropropane
2849	6L	3-Chloropropanol-1
2456	3H	2-Chloropropene
2511	8L	2-Chloropropionic acid
2822	6L	2-Chloropyridine
2987	8L	Chlorosilanes, corrosive, n.o.s.
2986	8F	Chlorosilanes, corrosive, flammable, n.o.s.
2985	3C	Chlorosilanes, flammable, corrosive, n.o.s.
3361	6C	Chlorosilanes, toxic, corrosive, n.o.s. *
3362	6CF	Chlorosilanes, toxic, corrosive, flammable, n.o.s.*
2988	4FW	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.
1754	8W	Chlorosulphonic acid
1021	2L	1-Chloro-1,2,2,2-tetrafluoroethane
2238	3L	Chlorotoluenes
1579	6L	4-Chloro-o-toluidine hydrochloride, solid
3410	6L	4-Chloro-o-toluidine hydrochloride solution
3429	6L	Chlorotoluidines, liquid
2239	6L	Chlorotoluidines, solid
1983	2L	1-Chloro-2,2,2-trifluoroethane
1022	2L	Chlorotrifluoromethane
2599	2L	Chlorotrifluoromethane and trifluoromethane azeotropic mixture
1755	8L	Chromic acid solution
1756	8L	Chromic fluoride, solid
1757	8L	Chromic fluoride solution
2720	5L	Chromium nitrate
1758	8W	Chromium oxychloride
1463	5CP	Chromium trioxide, anhydrous
2240	8L	Chromosulphuric acid
3291	11L	Clinical waste, unspecified, n.o.s.
1023	10P	Coal gas, compressed
1136	3L	Coal tar distillates, flammable
1139	3L	Coating solution
2001	3L	Cobalt naphthenates, powder
1318	3L	Cobalt resinate, precipitated
0382	1L	Components, explosive train, n.o.s.*
0383	1L	Components, explosive train, n.o.s.*
0384	3L	Components, explosive train, n.o.s.*
0461	1L	Components, explosive train, n.o.s.*
1956	2L	Compressed gas, n.o.s.*
1954	10L	Compressed gas, flammable, n.o.s.*
3156	2X	Compressed gas, oxidizing, n.o.s.*
1955	2P	Compressed gas, toxic, n.o.s.*
3304	2CP	Compressed gas, toxic, corrosive, n.o.s.*
1953	10P	Compressed gas, toxic, flammable, n.o.s.*
3305	10C	Compressed gas, toxic, flammable, corrosive, n.o.s.*
3303	2X	Compressed gas, toxic, oxidizing, n.o.s.*
3306	2CX	Compressed gas, toxic, oxidizing, corrosive, n.o.s.*
8000	9L	Consumer commodity
0248	1L	Contrivances, water-activated*
0249	1L	Contrivances, water-activated*
1585	6L	Copper acetoarsenite
1586	6L	Copper arsenite
2776	3P	Copper based pesticide, liquid, flammable, toxic*
3010	6L	Copper based pesticide, liquid, toxic*
3009	6F	Copper based pesticide, liquid, toxic, flammable*
2775	6L	Copper based pesticide, solid, toxic*
2721	5L	Copper chlorate

UN No.	Drill Code	Proper shipping name
2802	8L	Copper chloride
1587	6L	Copper cyanide
1363	4L	Copra
0065	1L	Cord, detonating
0102	1L	Cord, detonating
0289	1L	Cord, detonating
0290	1L	Cord, detonating
0104	1L	Cord, detonating, mild effect
0066	1L	Cord, igniter
1760	8L	Corrosive liquid, n.o.s.*
3264	8L	Corrosive liquid, acidic, inorganic, n.o.s.*
3265	8L	Corrosive liquid, acidic, organic, n.o.s.*
3266	8L	Corrosive liquid, basic, inorganic, n.o.s.*
3267	8L	Corrosive liquid, basic, organic, n.o.s.*
2920	8F	Corrosive liquid, flammable, n.o.s.*
3093	8X	Corrosive liquid, oxidizing, n.o.s.*
3301	8L	Corrosive liquid, self-heating, n.o.s.*
2922	8P	Corrosive liquid, toxic, n.o.s.*
3094	8W	Corrosive liquid, water-reactive, n.o.s.*
1759	8L	Corrosive solid, n.o.s.*
3260	8L	Corrosive solid, acidic, inorganic, n.o.s.*
3261	8L	Corrosive solid, acidic, organic, n.o.s.*
3262	8L	Corrosive solid, basic, inorganic, n.o.s.*
3263	8L	Corrosive solid, basic, organic, n.o.s.*
2921	8S	Corrosive solid, flammable, n.o.s.*
3084	8X	Corrosive solid, oxidizing, n.o.s.*
3095	8S	Corrosive solid, self-heating, n.o.s.*
2923	8P	Corrosive solid, toxic, n.o.s.*
3096	8W	Corrosive solid, water-reactive, n.o.s.*
1364	4L	Cotton waste, oily
1365	4L	Cotton, wet
3024	3P	Coumarin derivative pesticide, liquid, flammable, toxic*
3026	6L	Coumarin derivative pesticide, liquid, toxic*
3025	6F	Coumarin derivative pesticide, liquid, toxic, flammable*
3027	6L	Coumarin derivative pesticide, solid, toxic*
2076	6C	Cresols, liquid
3455	6C	Cresols, solid
2022	6C	Cresylic acid
1143	6Fi	Crotonaldehyde
1143	6Fi	Crotonaldehyde, stabilized
3472	8L	Crotonic acid, liquid
2823	8L	Crotonic acid, solid
1144	3H	Crotonylene
1761	8P	Cupriethylenediamine solution
0070	3L	Cutters, cable, explosive
1588	6L	Cyanides, inorganic, solid, n.o.s.*
1935	6L	Cyanide solution, n.o.s.*
1026	10P	Cyanogen
1889	6C	Cyanogen bromide
1589	2CP	Cyanogen chloride, stabilized
2670	8L	Cyanuric chloride
2601	10L	Cyclobutane
2744	6CF	Cyclobutyl chloroformate
2518	6L	1,5,9-Cyclododecatriene
2241	3L	Cycloheptane
2603	3P	Cycloheptatriene
2242	3L	Cycloheptene
1145	3H	Cyclohexane
1915	3L	Cyclohexanone
2256	3H	Cyclohexene
1762	8L	Cyclohexenyltrichlorosilane
2243	3L	Cyclohexyl acetate
2357	8F	Cyclohexylamine
2488	6F	Cyclohexyl isocyanate
3054	3L	Cyclohexyl mercaptan
1763	8L	Cyclohexyltrichlorosilane
0391	1L	Cyclonite and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Cyclonite and cyclotetramethylenetetranitramine mixture, wetted
0483	1L	Cyclonite, desensitized
0072	1L	Cyclonite, wetted
2940	4L	Cyclooctadiene phosphines
2520	3L	Cyclooctadienes
2358	3L	Cyclooctatetraene
1146	3H	Cyclopentane
2244	3L	Cyclopentanol
2245	3L	Cyclopentanone
2246	3H	Cyclopentene
1027	10A	Cyclopropane
0484	1L	Cyclotetramethylene-tetranitramine, desensitized
0226	1L	Cyclotetramethylenetetranitramine, wetted

UN No.	Drill Code	Proper shipping name
0391	1L	Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine mixture, wetted
0483	1L	Cyclotrimethylenetrinitramine, desensitized
0072	1L	Cyclotrimethylenetrinitramine, wetted
2046	3L	Cymenes
3363	9L	Dangerous goods in apparatus
3363	9L	Dangerous goods in articles
3363	9L	Dangerous goods in machinery
1868	3P	Decaborane
1147	3L	Decahydronaphthalene
2247	3L	n-Decane
0132	1L	Deflagrating metal salts of aromatic nitro-derivatives, n.o.s.
3379	3E	Desensitized explosive, liquid, n.o.s.*
3380	3E	Desensitized explosive, solid, n.o.s.*
0360	1L	Detonator assemblies, non-electric
0361	1L	Detonator assemblies, non-electric
0500	3L	Detonator assemblies, non-electric
0030	1L	Detonators, electric
0255	1L	Detonators, electric
0456	3L	Detonators, electric
0511	1L	Detonators, electronic
0512	1L	Detonators, electronic
0513	1L	Detonators, electronic
0073	1L	Detonators for ammunition
0364	1L	Detonators for ammunition
0365	1L	Detonators for ammunition
0366	3L	Detonators for ammunition
0029	1L	Detonators, non-electric
0267	1L	Detonators, non-electric
0455	3L	Detonators, non-electric
1957	10L	Deuterium, compressed
3150	10L	Devices, small, hydrocarbon gas powered
1148	3L	Diacetone alcohol
2359	3CP	Diallylamine
2360	3P	Diallyl ether
2651	6L	4,4′-Diaminodiphenylmethane
2841	3P	Di-n-amylamine
0074	1L	Diazodinitrophenol, wetted
2434	8L	Dibenzyldichlorosilane
1911	10P	Diborane
2648	6L	1,2-Dibromobutan-3-one
2872	6L	Dibromochloropropanes
1941	9L	Dibromodifluoromethane
2664	6L	Dibromomethane
2248	8F	Di-n-butylamine
2873	6L	Dibutylaminoethanol
1149	3L	Dibutyl ethers
1764	8i	Dichloroacetic acid
2649	6i	1,3-Dichloroacetone
1765	8i	Dichloroacetyl chloride
1590	6L	Dichloroanilines, liquid
3442	6L	Dichloroanilines, solid
1591	6L	o-Dichlorobenzene
1916	6F	2,2′-Dichlorodiethyl ether
1028	2L	Dichlorodifluoromethane
2602	2L	Dichlorodifluoromethane and difluoroethane azeotropic mixture
2249	6F	Dichlorodimethyl ether, symmetrical
2362	3L	1,1-Dichloroethane
1150	3L	1,2-Dichloroethylene
1029	2L	Dichlorofluoromethane
2465	5L	Dichloroisocyanuric acid, dry
2465	5L	Dichloroisocyanuric acid salts
2490	6L	Dichloroisopropyl ether
1593	6L	Dichloromethane
2650	6L	1,1-Dichloro-1-nitroethane
1152	3L	Dichloropentanes
2250	6L	Dichlorophenyl isocyanates
1766	8L	Dichlorophenyltrichlorosilane
1279	3L	1,2-Dichloropropane
2750	6L	1,3-Dichloropropanol-2
2047	3L	Dichloropropenes
2189	10P	Dichlorosilane
1958	2L	1,2-Dichloro-1,1,2,2-tetrafluoroethane
2565	8L	Dicyclohexylamine
2687	3L	Dicyclohexylammonium nitrite
2048	3L	Dicyclopentadiene
2372	3L	1,2-Di-(dimethylamino) ethane
1465	5L	Didymium nitrate
1202	3L	Diesel fuel
2373	3H	Diethoxymethane
2374	3L	3,3-Diethoxypropene
1154	3CH	Diethylamine
2686	8F	2-Diethylaminoethanol
2684	3C	3-Diethylaminopropylamine
2432	6L	N,N-Diethylaniline
2049	3L	Diethylbenzene
2366	3L	Diethyl carbonate
1767	8F	Diethyldichlorosilane
0075	1L	Diethyleneglycol dinitrate, desensitized

UN No.	Drill Code	Proper shipping name
2079	8L	Diethylenetriamine
1155	3AH	Diethyl ether
2685	8F	N,N-Diethylethylenediamine
1156	3L	Diethyl ketone
1594	6L	Diethyl sulphate
2375	3L	Diethyl sulphide
2751	8L	Diethylthiophosphoryl chloride
1030	10L	1,1-Difluoroethane
1959	10L	1,1-Difluoroethylene
3252	10L	Difluoromethane
1768	8L	Difluorophosphoric acid, anhydrous
2376	3H	2,3-Dihydropyran
2361	3C	Diisobutylamine
2050	3L	Diisobutylene, isomeric compounds
1157	3L	Diisobutyl ketone
1902	8L	Diisooctyl acid phosphate
1158	3CH	Diisopropylamine
1159	3H	Diisopropyl ether
2521	6F	Diketene, stabilized
2252	3L	1,2-Dimethoxyethane
2377	3L	1,1-Dimethoxyethane
1032	10L	Dimethylamine, anhydrous
1160	3C	Dimethylamine, aqueous solution
2378	3P	2-Dimethylaminoacetonitrile
2051	8F	2-Dimethylaminoethanol
3302	6L	2-Dimethylaminoethyl acrylate, stabilized
2522	6L	2-Dimethylaminoethyl methacrylate, stabilized
2253	6L	N,N-Dimethylaniline
2457	3H	2,3-Dimethylbutane
2379	3C	1,3-Dimethylbutylamine
2262	8L	Dimethylcarbamoyl chloride
1161	3L	Dimethyl carbonate
2263	3L	Dimethylcyclohexanes
2264	8F	N,N-Dimethylcyclohexylamine
1162	3C	Dimethyldichlorosilane
2380	3L	Dimethyldiethoxysilane
2707	3L	Dimethyldioxanes
2381	3P	Dimethyl disulphide
1033	10L	Dimethyl ether
2265	3L	N,N-Dimethylformamide
2382	6F	Dimethylhydrazine, symmetrical
1163	6CH	Dimethylhydrazine, unsymmetrical
2044	10L	2,2-Dimethylpropane
2266	3C	Dimethyl-N-propylamine
1595	6C	Dimethyl sulphate
1164	3H	Dimethyl sulphide
2267	6C	Dimethyl thiophosphoryl chloride
0489	1L	DINGU
1596	6L	Dinitroanilines
1597	6L	Dinitrobenzenes, liquid
3443	6L	Dinitrobenzenes, solid
1598	6L	Dinitro-o-cresol
1067	2PX	Dinitrogen tetroxide
0489	1L	Dinitroglycoluril
0076	1P	Dinitrophenol
0077	1P	Dinitrophenolates
1321	3EP	Dinitrophenolates, wetted
1599	6L	Dinitrophenol solution
1320	3EP	Dinitrophenol, wetted
0078	1L	Dinitroresorcinol
1322	3E	Dinitroresorcinol, wetted
0406	1L	Dinitrosobenzene
2038	6L	Dinitrotoluenes, liquid
1600	6L	Dinitrotoluenes, molten
3454	6L	Dinitrotoluenes, solid
1165	3L	Dioxane
1166	3L	Dioxolane
2052	3L	Dipentene
1698	6i	Diphenylamine chloroarsine
1699	6i	Diphenylchloroarsine, liquid
3450	6L	Diphenylchloroarsine, solid
1769	8L	Diphenyldichlorosilane
1770	8L	Diphenylmethyl bromide
0079	1L	Dipicrylamine
0401	1L	Dipicryl sulphide
2852	3E	Dipicryl sulphide, wetted
2383	3C	Dipropylamine
2384	3H	Di-n-propyl ether
2710	3L	Dipropyl ketone
1903	8L	Disinfectant, liquid, corrosive, n.o.s.*
3142	6L	Disinfectant, liquid, toxic, n.o.s.*
1601	6L	Disinfectant, solid, toxic, n.o.s.*
3253	8L	Disodium trioxosilicate
1167	3AH	Divinyl ether, stabilized
1771	8L	Dodecyltrichlorosilane
1845	9L	Dry ice
2801	8L	Dye intermediate, liquid, corrosive, n.o.s.*
1602	6L	Dye intermediate, liquid, toxic, n.o.s.*
3147	8L	Dye intermediate, solid, corrosive, n.o.s.*
3143	6L	Dye intermediate, solid, toxic, n.o.s.*
2801	8L	Dye, liquid, corrosive, n.o.s.*
1602	6L	Dye, liquid, toxic, n.o.s.*
3147	8L	Dye, solid, corrosive, n.o.s.*

UN No.	Drill Code	Proper shipping name
3143	6L	Dye, solid, toxic, n.o.s.*
3257	9L	Elevated temperature liquid, n.o.s.*
3256	3L	Elevated temperature liquid, flammable, n.o.s.*
3258	9L	Elevated temperature solid, n.o.s.*
3529	10L	Engine, fuel cell, flammable gas powered
3528	3L	Engine, fuel cell, flammable liquid powered
3530	9L	Engine, internal combustion
3529	10L	Engine, internal combustion, flammable gas powered
3528	3L	Engine, internal combustion, flammable liquid powered
3082	9L	Environmentally hazardous substance, liquid, n.o.s.*
3077	9L	Environmentally hazardous substance, solid, n.o.s.*
2558	6F	Epibromohydrin
2023	6F	Epichlorohydrin
2752	3L	1,2-Epoxy-3-ethoxypropane
3272	3L	Esters, n.o.s.*
1035	10L	Ethane
1961	10L	Ethane, refrigerated liquid
1170	3L	Ethanol
2491	8L	Ethanolamine
2491	8L	Ethanolamine solution
3475	3L	Ethanol and gasoline mixture
3475	3L	Ethanol and motor spirit mixture
3475	3L	Ethanol and petrol mixture
1170	3L	Ethanol solution
3271	3L	Ethers, n.o.s.*
1173	3L	Ethyl acetate
2452	10L	Ethylacetylene, stabilized
1917	3i	Ethyl acrylate, stabilized
1170	3L	Ethyl alcohol
1170	3L	Ethyl alcohol solution
1036	10L	Ethylamine
2270	3CH	Ethylamine, aqueous solution
2271	3L	Ethyl amyl ketone
2272	6L	N-Ethylaniline
2273	6L	2-Ethylaniline
1175	3L	Ethylbenzene
2274	6L	N-Ethyl-N-benzylaniline
2753	6L	N-Ethylbenzyltoluidines, liquid
3460	6L	N-Ethylbenzyltoluidines, solid
1176	3L	Ethyl borate
1891	6L	Ethyl bromide
1603	6F	Ethyl bromoacetate
2275	3L	2-Ethylbutanol
1177	3L	2-Ethylbutyl acetate
1179	3L	Ethyl butyl ether
1178	3L	2-Ethylbutyraldehyde
1180	3L	Ethyl butyrate
1037	10A	Ethyl chloride
1181	6F	Ethyl chloroacetate
1182	6CF	Ethyl chloroformate
2935	3L	Ethyl 2-chloropropionate
2826	8F	Ethyl chlorothioformate
1862	3L	Ethyl crotonate
1892	6i	Ethyldichloroarsine
1183	4HW	Ethyldichlorosilane
1962	10A	Ethylene
3138	10L	Ethylene, acetylene and propylene mixture, refrigerated liquid
1135	6F	Ethylene chlorohydrin
1604	8F	Ethylenediamine
1605	6L	Ethylene dibromide
1184	3P	Ethylene dichloride
1153	3L	Ethylene glycol diethyl ether
1171	3L	Ethylene glycol monoethyl ether
1172	3L	Ethylene glycol monoethyl ether acetate
1188	3L	Ethylene glycol monomethyl ether
1189	3L	Ethylene glycol monomethyl ether acetate
1185	6FH	Ethyleneimine, stabilized
1040	10P	Ethylene oxide
1041	10L	Ethylene oxide and carbon dioxide mixture
1952	2L	Ethylene oxide and carbon dioxide mixture
3300	10P	Ethylene oxide and carbon dioxide mixture
3297	2L	Ethylene oxide and chlorotetrafluoroethane mixture
3070	2L	Ethylene oxide and dichlorodifluoromethane mixture
3298	2L	Ethylene oxide and pentafluoroethane mixture
2983	3P	Ethylene oxide and propylene oxide mixture
3299	2L	Ethylene oxide and tetrafluoroethane mixture
1040	10P	Ethylene oxide with nitrogen
1038	10A	Ethylene, refrigerated liquid
1155	3AH	Ethyl ether
2453	10L	Ethyl fluoride
1190	3H	Ethyl formate
2276	3C	2-Ethylhexylamine
2748	6C	2-Ethylhexyl chloroformate
2385	3L	Ethyl isobutyrate
2481	6F	Ethyl isocyanate

UN No.	Drill Code	Proper shipping name
1192	3L	Ethyl lactate
2363	3N	Ethyl mercaptan
2277	3L	Ethyl methacrylate, stabilized
1039	10L	Ethyl methyl ether
1193	3L	Ethyl methyl ketone
1194	3P	Ethyl nitrite solution
2524	3L	Ethyl orthoformate
2525	6L	Ethyl oxalate
2435	8L	Ethylphenyldichlorosilane
2386	3C	1-Ethylpiperidine
1195	3L	Ethyl propionate
2615	3H	Ethyl propyl ether
2754	6L	N-Ethyltoluidines
1196	3C	Ethyltrichlorosilane
0081	1L	Explosive, blasting, type A
0082	1L	Explosive, blasting, type B
0331	1L	Explosive, blasting, type B
0083	1L	Explosive, blasting, type C
0084	1L	Explosive, blasting, type D
0241	1L	Explosive, blasting, type E
0332	1L	Explosive, blasting, type E
1169	3L	Extracts, aromatic, liquid
1197	3L	Extracts, flavouring, liquid
1373	4L	Fabrics. animal. n.o.s.
1353	3L	Fabrics impregnated with weakly nitrated nitrocellulose, n.o.s.
1373	4L	Fabrics, synthetic, n.o.s
1373	4L	Fabrics, vegetable, n.o.s.
1606	6L	Ferric arsenate
1607	6L	Ferric arsenite
1773	8L	Ferric chloride, anhydrous
2582	8L	Ferric chloride solution
1466	5L	Ferric nitrate
1323	3L	Ferrocerium
1408	4PW	Ferrosilicon
1608	6L	Ferrous arsenate
2793	4L	Ferrous metal borings
2793	4L	Ferrous metal cuttings
2793	4L	Ferrous metal shavings
2793	4L	Ferrous metal turnings
1043	2L	Fertilizer ammoniating solution
1372	4L	Fibres, animal
1373	4L	Fibres, animal, n.o.s.
1353	3L	Fibres impregnated with weakly nitrated nitrocellulose, n.o.s.
1373	4L	Fibres, synthetic, n.o.s.
1372	4L	Fibres, vegetable
1373	4L	Fibres, vegetable, n.o.s.
3360	3L	Fibres, vegetable, dry
1324	3L	Films, nitrocellulose base
1774	8L	Fire extinguisher charges
1044	2L	Fire extinguishers
2623	3L	Firelighters, solid
0333	1L	Fireworks
0334	1L	Fireworks
0335	1L	Fireworks
0336	1L	Fireworks
0337	3L	Fireworks
3316	9L	First aid kit
2216	9L	Fish meal, stabilized
1374	4L	Fish meal, unstabilized
2216	9L	Fish scrap, stabilized
1374	4L	Fish scrap, unstabilized
1993		Flammable liquid, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
2924		Flammable liquid, corrosive, n.o.s.*
	3CH	Packing Group I or II
	3C	Packing Group III
1992		Flammable liquid, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
3286	3CP	Flammable liquid, toxic, corrosive, n.o.s.*
3180	3C	Flammable solid, corrosive, inorganic, n.o.s.*
2925	3C	Flammable solid, corrosive, organic, n.o.s.*
3178	3L	Flammable solid, inorganic, n.o.s.*
1325	3L	Flammable solid, organic, n.o.s.*
3176	3L	Flammable solid, organic, molten, n.o.s.*
3097	3X	Flammable solid, oxidizing, n.o.s.*
3179	3P	Flammable solid, toxic, inorganic, n.o.s.*
2926	3P	Flammable solid, toxic, organic, n.o.s.*
0093	1L	Flares, aerial
0403	1L	Flares, aerial
0404	3L	Flares, aerial
0420	1L	Flares, aerial
0421	1L	Flares, aerial
0092	1L	Flares, surface
0418	1L	Flares, surface
0419	1L	Flares, surface
0094	1L	Flash powder
0305	1L	Flash powder
1045	2PX	Fluorine, compressed
2642	6L	Fluoroacetic acid
2941	6L	Fluoroanilines

UN No.	Drill Code	Proper shipping name
2387	3L	Fluorobenzene
1775	8L	Fluoroboric acid
1776	8L	Fluorophosphoric acid, anhydrous
2856	6L	Fluorosilicates, n.o.s.*
1778	8L	Fluorosilicic acid
1777	8W	Fluorosulphonic acid
2388	3L	Fluorotoluenes
2209	8i	Formaldehyde solution
1198	3Ci	Formaldehyde solution, flammable
1779	8F	Formic acid
3412	8L	Formic acid
0099	1L	Fracturing devices, explosive
1863	3L	Fuel, aviation, turbine engine
3473	3L	Fuel cell cartridges
3476	4W	Fuel cell cartridges
3477	8L	Fuel cell cartridges
3478	10L	Fuel cell cartridges
3479	10L	Fuel cell cartridges
3473	3L	Fuel cell cartridges contained in equipment
3476	4W	Fuel cell cartridges contained in equipment
3477	8L	Fuel cell cartridges contained in equipment
3478	10L	Fuel cell cartridges contained in equipment
3479	10L	Fuel cell cartridges contained in equipment
3473	3L	Fuel cell cartridges packed with equipment
3476	4W	Fuel cell cartridges packed with equipment
3477	8L	Fuel cell cartridges packed with equipment
3478	10L	Fuel cell cartridges packed with equipment
3479	10L	Fuel cell cartridges packed with equipment
1780	8L	Fumaryl chloride
3359	9L	Fumigated cargo transport unit
1199	6F	Furaldehydes
2389	3H	Furan
2874	6L	Furfuryl alcohol
2526	3C	Furfurylamine
0102	1L	Fuse, detonating
0290	1L	Fuse, detonating
0104	1L	Fuse, detonating, mild effect
0103	1L	Fuse, igniter
1201	3L	Fusel oil
0101	1L	Fuse, non-detonating
0105	3L	Fuse, safety
0106	1L	Fuzes, detonating
0107	1L	Fuzes, detonating
0257	1L	Fuzes, detonating
0367	3L	Fuzes, detonating
0408	1L	Fuzes, detonating
0409	1L	Fuzes, detonating
0410	1L	Fuzes, detonating
0316	1L	Fuzes, igniting
0317	1L	Fuzes, igniting
0368	3L	Fuzes, igniting
2803	8L	Gallium
2037		Gas cartridges
	10L	Division 2.1 without subsidiary risk
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2P	Division 2.3 without subsidiary risk
	10P	Division 2.3 with subsidiary risk 2.1
	10C	Division 2.3 with subsidiary risk 2.1 and 8
	2PX	Division 2.3 with subsidiary risk 5.1
	2CX	Division 2.3 with subsidiary risk 5.1 and 8
	2CP	Division 2.3 with subsidiary risk 8
1202	3L	Gas oil
1203	3H	Gasoline
3158	2L	Gas, refrigerated liquid, n.o.s.*
3312	10L	Gas, refrigerated liquid, flammable, n.o.s.*
3311	2X	Gas, refrigerated liquid, oxidizing, n.o.s.*
3167	10L	Gas sample, non-pressurized, flammable, n.o.s.
3169	2P	Gas sample, non-pressurized, toxic, n.o.s.
3168	10P	Gas sample, non-pressurized, toxic, flammable, n.o.s.
3245	9L	Genetically modified micro-organisms
3245	9L	Genetically modified organisms
2192	10P	Germane
3523	10P	Germane, adsorbed
2689	6L	Glycerol alpha-monochlorohydrin
2622	3P	Glycidaldehyde
0284	1L	Grenades
0285	1L	Grenades
0292	1L	Grenades
0293	1L	Grenades

UN No.	Drill Code	Proper shipping name
0110	3L	Grenades, practice
0318	1L	Grenades, practice
0372	1L	Grenades, practice
0452	1L	Grenades, practice
1467	5L	Guanidine nitrate
0113	1L	Guanyl nitrosaminoguanylidene hydrazine, wetted
0114	1L	Guanyl nitrosaminoguanyltetrazene, wetted
0027	1L	Gunpowder
0028	1L	Gunpowder, compressed
0028	1L	Gunpowder in pellets
2545	4L	Hafnium powder, dry
1326	3L	Hafnium powder, wetted
3151	9L	Halogenated monomethyldiphenylmethanes, liquid
3152	9L	Halogenated monomethyldiphenylmethanes, solid
1327	3L	Hay
1202	3L	Heating oil, light
—	9L	Heat producing articles, battery operated equipment, such as underwater torches or soldering equipment, which, if accidentally activated, will generate extreme heat and can cause fire
1046	2L	Helium, compressed
1963	2L	Helium, refrigerated liquid
3296	2L	Heptafluoropropane
3056	3L	n-Heptaldehyde
1206	3H	Heptanes
2278	3L	n-Heptene
2661	6L	Hexachloroacetone
2729	6L	Hexachlorobenzene
2279	6L	Hexachlorobutadiene
2646	6L	Hexachlorocyclopentadiene
2875	6L	Hexachlorophene
1781	8L	Hexadecyltrichlorosilane
2458	3H	Hexadiene
1611	6L	Hexaethyl tetraphosphate
1612	2P	Hexaethyl tetraphosphate and compressed gas mixture
2420	2CP	Hexafluoroacetone
2552	6L	Hexafluoroacetone hydrate, liquid
3436	6L	Hexafluoroacetone hydrate, solid
2193	2L	Hexafluoroethane
1782	8L	Hexafluorophosphoric acid
1858	2L	Hexafluoropropylene
1207	3L	Hexaldehyde
2280	8L	Hexamethylenediamine, solid
1783	8L	Hexamethylenediamine solution
2281	6L	Hexamethylene diisocyanate
2493	3C	Hexamethyleneimine
1328	3L	Hexamethylenetetramine
1208	3H	Hexanes
0079	1L	Hexanitrodiphenylamine
0392	1L	Hexanitrostilbene
2282	3L	Hexanols
2370	3H	1-Hexene
0391	1L	Hexogen and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Hexogen and cyclotetramethylenetetranitramine mixture, wetted
0483	1L	Hexogen, desensitized
0072	1L	Hexogen, wetted
0118	1L	Hexolite
0118	1L	Hexotol
0393	1L	Hexotonal
0079	1L	Hexyl
1784	8L	Hexyltrichlorosilane
0484	1L	HMX, desensitized
0226	1L	HMX, wetted
2029	8FP	Hydrazine, anhydrous
2030	8P	Hydrazine, aqueous solution
3293	6L	Hydrazine, aqueous solution
3484	8FP	Hydrazine aqueous solution, flammable
1787	8L	Hydriodic acid
1788	8L	Hydrobromic acid
1964	10L	Hydrocarbon gas mixture, compressed, n.o.s.*
1965	10L	Hydrocarbon gas mixture, liquefied, n.o.s.*
3150	10L	Hydrocarbon gas refills for small devices
3295		Hydrocarbons, liquid, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
1789	8L	Hydrochloric acid
1613	6L	Hydrocyanic acid, aqueous solution
1790	8P	Hydrofluoric acid
1786	8P	Hydrofluoric acid and sulphuric acid mixture
2034	10L	Hydrogen and methane mixture, compressed
1048	2CP	Hydrogen bromide, anhydrous
1050	2CP	Hydrogen chloride, anhydrous
2186	2CP	Hydrogen chloride, refrigerated liquid

UN No.	Drill Code	Proper shipping name
1049	10L	Hydrogen, compressed
1613	6L	Hydrogen cyanide, aqueous solution
3294	6F	Hydrogen cyanide, solution in alcohol
1051	6H	Hydrogen cyanide, stabilized
1614	6L	Hydrogen cyanide, stabilized
1740	8L	Hydrogendifluorides, solid, n.o.s.
3471	8L	Hydrogendifluorides, solution, n.o.s.
1052	8P	Hydrogen fluoride, anhydrous
3468	10L	Hydrogen in a metal hydride storage system
3468	10L	Hydrogen in a metal hydride storage system contained in equipment
3468	10L	Hydrogen in a metal hydride storage system packed with equipment
2197	2CP	Hydrogen iodide, anhydrous
3149	5C	Hydrogen peroxide and peroxyacetic acid mixture stabilized
2014	5C	Hydrogen peroxide, aqueous solution
2984	5L	Hydrogen peroxide, aqueous solution
2015	5C	Hydrogen peroxide, aqueous solution, stabilized
2015	5C	Hydrogen peroxide, stabilized
1966	10L	Hydrogen, refrigerated liquid
3526	10P	Hydrogen selenide, adsorbed
2202	10P	Hydrogen selenide, anhydrous
1053	10P	Hydrogen sulphide
0508	1L	1-Hydroxybenzotriazole, anhydrous
3474	3E	1-Hydroxybenzotriazole monohydrate
2865	8L	Hydroxylamine sulphate
3212	5L	Hypochlorites, inorganic, n.o.s.*
1791	8L	Hypochlorite solution
0121	1L	Igniters
0314	1L	Igniters
0315	1L	Igniters
0325	1L	Igniters
0454	3L	Igniters
2269	8L	3,3'-Iminodipropylamine
2900	11Y	Infectious substance, affecting animals
2814	11Y	Infectious substance, affecting humans
1968	2L	Insecticide gas, n.o.s.*
3354	10L	Insecticide gas, flammable, n.o.s.*
1967	2P	Insecticide gas, toxic, n.o.s.*
3355	10P	Insecticide gas, toxic, flammable, n.o.s.*
3495	8P	Iodine
3498	8L	Iodine monochloride, liquid
1792	8L	Iodine monochloride, solid
2495	5CP	Iodine pentafluoride
2390	3L	2-Iodobutane
2391	3L	Iodomethylpropanes
2392	3L	Iodopropanes
1376	4L	Iron oxide, spent
1994	6H	Iron pentacarbonyl
1376	4L	Iron sponge, spent
1969	10L	Isobutane
1212	3L	Isobutanol
1213	3L	Isobutyl acetate
2527	3L	Isobutyl acrylate, stabilized
1212	3L	Isobutyl alcohol
2045	3H	Isobutyl aldehyde
1214	3CH	Isobutylamine
1055	10L	Isobutylene
2393	3L	Isobutyl formate
2528	3L	Isobutyl isobutyrate
2486	6F	Isobutyl isocyanate
2283	3L	Isobutyl methacrylate, stabilized
2394	3L	Isobutyl propionate
2045	3H	Isobutyraldehyde
2529	3C	Isobutyric acid
2284	3P	Isobutyronitrile
2395	3C	Isobutyryl chloride
2478	3P	Isocyanates, flammable, toxic, n.o.s.*
2478	3P	Isocyanate solution, flammable, toxic, n.o.s.*
2206	6L	Isocyanate solution, toxic, n.o.s.*
3080	6F	Isocyanate solution, toxic, flammable, n.o.s.*
2206	6L	Isocyanates, toxic, n.o.s.*
3080	6F	Isocyanates, toxic, flammable, n.o.s.*
2285	6F	Isocyanatobenzotrifluorides
2287	3H	Isoheptene
2288	3H	Isohexene
1216	3H	Isooctene
2371	3H	Isopentenes
2289	8L	Isophoronediamine
2290	6L	Isophorone diisocyanate
1218	3H	Isoprene, stabilized
1219	3L	Isopropanol
2403	3L	Isopropenyl acetate
2303	3L	Isopropenylbenzene

UN No.	Drill Code	Proper shipping name
1220	3L	Isopropyl acetate
1793	8L	Isopropyl acid phosphate
1219	3L	Isopropyl alcohol
1221	3CH	Isopropylamine
1918	3L	Isopropylbenzene
2405	3L	Isopropyl butyrate
2947	3L	Isopropyl chloroacetate
2407	6CF	Isopropyl chloroformate
2934	3L	Isopropyl 2-chloropropionate
2406	3L	Isopropyl isobutyrate
2483	6H	Isopropyl isocyanate
1222	3L	Isopropyl nitrate
2409	3L	Isopropyl propionate
2907	3L	Isosorbide dinitrate mixture
3251	3L	Isosorbide-5-mononitrate
0124	1L	Jet perforating guns, charged
0494	1L	Jet perforating guns, charged
1223	3L	Kerosene
1224	3L	Ketones, liquid, n.o.s.*
3497	4L	Krill meal
1056	2L	Krypton, compressed
1970	2L	Krypton, refrigerated liquid
1616	6L	Lead acetate
1617	6L	Lead arsenates
1618	6L	Lead arsenites
0129	1L	Lead azide, wetted
2291	6L	Lead compound, soluble, n.o.s.*
1620	6L	Lead cyanide
1872	5L	Lead dioxide
1469	5P	Lead nitrate
1470	5P	Lead perchlorate, solid
3408	5P	Lead perchlorate solution
2989	3L	Lead phosphite, dibasic
0130	1L	Lead styphnate, wetted
1794	8L	Lead sulphate
0130	1L	Lead trinitroresorcinate, wetted
3072	9L	Life-saving appliances, not self-inflating
2990	9L	Life-saving appliances, self-inflating
1057	10L	Lighter refills
1057	10L	Lighters
0131	3L	Lighters, fuse
3163	2L	Liquefied gas, n.o.s.*
1058	2L	Liquefied gases
3161	10L	Liquefied gas, flammable, n.o.s.*
3157	2X	Liquefied gas, oxidizing, n.o.s.*
3162	2P	Liquefied gas, toxic, n.o.s.*
3308	2CP	Liquefied gas, toxic, corrosive, n.o.s.*
3160	10P	Liquefied gas, toxic, flammable, n.o.s.*
3309	10C	Liquefied gas, toxic, flammable, corrosive, n.o.s.*
3307	2X	Liquefied gas, toxic, oxidizing, n.o.s.*
3310	2CX	Liquefied gas, toxic, oxidizing, corrosive, n.o.s.*
1415	4W	Lithium
1410	4W	Lithium aluminium hydride
1411	4HW	Lithium aluminium hydride, ethereal
3536	12FZ	Lithium batteries installed in cargo transport unit
1413	4W	Lithium borohydride
2830	4W	Lithium ferrosilicon
1414	4W	Lithium hydride
2805	4W	Lithium hydride, fused solid
2680	8L	Lithium hydroxide
2679	8L	Lithium hydroxide solution
1471	5L	Lithium hypochlorite, dry
1471	5L	Lithium hypochlorite mixture
3480	12FZ	Lithium ion batteries
3481	12FZ	Lithium ion batteries contained in equipment
3481	12FZ	Lithium ion batteries packed with equipment
3090	12FZ	Lithium metal batteries
3091	12FZ	Lithium metal batteries contained in equipment
3091	12FZ	Lithium metal batteries packed with equipment
2722	5L	Lithium nitrate
2806	4W	Lithium nitride
1472	5L	Lithium peroxide
1417	4W	Lithium silicon
1621	6L	London Purple
3529	10L	Machinery, fuel cell, flammable gas powered
3528	3L	Machinery, fuel cell, flammable liquid powered
3530	9L	Machinery, internal combustion
3529	10L	Machinery, internal combustion, flammable gas powered
3528	3L	Machinery, internal combustion, flammable liquid powered
1869	3L	Magnesium
1869	3L	Magnesium alloys
1418	4SW	Magnesium alloys powder
1419	4PW	Magnesium aluminium phosphide
1622	6L	Magnesium arsenate
1473	5L	Magnesium bromate

UN No.	Drill Code	Proper shipping name
2723	5L	Magnesium chlorate
2004	4W	Magnesium diamide
2853	6L	Magnesium fluorosilicate
2950	4W	Magnesium granules, coated
2010	4W	Magnesium hydride
1474	5L	Magnesium nitrate
1475	5L	Magnesium perchlorate
1476	5L	Magnesium peroxide
2011	4PW	Magnesium phosphide
1418	4SW	Magnesium powder
2624	4W	Magnesium silicide
2807	9M	Magnetized material
2215	8L	Maleic anhydride
2215	8L	Maleic anhydride, molten
2647	6L	Malononitrile
2210	4SW	Maneb
2210	4SW	Maneb preparation
2968	4W	Maneb preparation, stabilized
2968	4W	Maneb stabilized
2724	5L	Manganese nitrate
1330	3L	Manganese resinate
0133	1L	Mannitol hexanitrate, wetted
2254	3L	Matches, fusee
1944	3L	Matches, safety
1331	3L	Matches, ‘strike anywhere’
1945	3L	Matches, wax ‘vesta’
3291	11L	Medical waste, n.o.s.
3549	11Y	Medical waste, Category A, affecting animals
3549	11Y	Medical waste, Category A, affecting humans
3248	3P	Medicine, liquid, flammable, toxic, n.o.s.
1851	6L	Medicine, liquid, toxic, n.o.s.
3249	6L	Medicine, solid, toxic, n.o.s.
3336		Mercaptan mixture, liquid, flammable, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
1228	3P	Mercaptan mixture, liquid, flammable, toxic, n.o.s.*
3071	6F	Mercaptan mixture, liquid, toxic, flammable, n.o.s.*
3336		Mercaptans, liquid, flammable, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
1228	3P	Mercaptans, liquid, flammable, toxic, n.o.s.*
3071	6F	Mercaptans, liquid, toxic, flammable, n.o.s.*
0448	1L	5-Mercaptotetrazol-1-acetic acid
1623	6L	Mercuric arsenate
1624	6L	Mercuric chloride
1625	6L	Mercuric nitrate
1626	6L	Mercuric potassium cyanide
1627	6L	Mercurous nitrate
2809	8P	Mercury
1629	6L	Mercury acetate
1630	6L	Mercury ammonium chloride
2778	3P	Mercury based pesticide, liquid, flammable, toxic*
3012	6L	Mercury based pesticide, liquid, toxic*
3011	6F	Mercury based pesticide, liquid, toxic, flammable*
2777	6L	Mercury based pesticide, solid, toxic*
1631	6L	Mercury benzoate
1634	6L	Mercury bromides
2024	6L	Mercury compound, liquid, n.o.s.*
2025	6L	Mercury compound, solid, n.o.s.*
3506	8L	Mercury contained in manufactured articles
1636	6L	Mercury cyanide
0135	1L	Mercury fulminate, wetted
1637	6L	Mercury gluconate
1638	6L	Mercury iodide
1639	6L	Mercury nucleate
1640	6L	Mercury oleate
1641	6L	Mercury oxide
1642	6L	Mercury oxycyanide, desensitized
1643	6L	Mercury potassium iodide
1644	6L	Mercury salicylate
1645	6L	Mercury sulphate
1646	6L	Mercury thiocyanate
1229	3L	Mesityl oxide
3281	6L	Metal carbonyls, liquid, n.o.s.*
3466	6L	Metal carbonyls, solid, n.o.s.*
2881	4L	Metal catalyst, dry*
1378	4L	Metal catalyst, wetted*
1332	3L	Metaldehyde
3182	3L	Metal hydrides, flammable, n.o.s.*
1409	4W	Metal hydrides, water-reactive, n.o.s.*
3208	4W	Metallic substance, water-reactive, n.o.s.*
3209	4SW	Metallic substance, water-reactive, self-heating, n.o.s.*
3089	3L	Metal powder, flammable, n.o.s.
3189	4L	Metal powder, self-heating, n.o.s.*
3181	3L	Metal salts of organic compounds, flammable, n.o.s.*
2396	3P	Methacrylaldehyde, stabilized

UN No.	Drill Code	Proper shipping name
2531	8L	Methacrylic acid, stabilized
3079	6F	Methacrylonitrile, stabilized
2614	3L	Methallyl alcohol
1971	10L	Methane, compressed
1972	10L	Methane, refrigerated liquid
3246	6C	Methanesulphonyl chloride
1230	3L	Methanol
2605	6F	Methoxymethyl isocyanate
2293	3L	4-Methoxy-4-methylpentan-2-one
3092	3L	1-Methoxy-2-propanol
1231	3H	Methyl acetate
1060	10L	Methylacetylene and propadiene mixture, stabilized
1919	3Hi	Methyl acrylate, stabilized
1234	3H	Methylal
2554	3H	Methylallyl chloride
1061	10L	Methylamine, anhydrous
1235	3CH	Methylamine, aqueous solution
1233	3L	Methylamyl acetate
2294	6L	N-Methylaniline
2937	6L	alpha-Methylbenzyl alcohol, liquid
3438	6L	alpha-Methylbenzyl alcohol, solid
1062	2P	Methyl bromide
1647	6L	Methyl bromide and ethylene dibromide mixture, liquid
2643	6i	Methyl bromoacetate
3371	3L	2-Methylbutanal
2397	3L	3-Methylbutan-2-one
2459	3H	2-Methyl-1-butene
2460	3H	2-Methyl-2-butene
2561	3H	3-Methyl-1-butene
2945	3C	N-Methylbutylamine
2398	3L	Methyl tert-butyl ether
1237	3L	Methyl butyrate
1063	10L	Methyl chloride
1912	10L	Methyl chloride and methylene chloride mixture
2295	6F	Methyl chloroacetate
1238	6F	Methyl chloroformate
1239	6F	Methyl chloromethyl ether
2933	3L	Methyl 2-chloropropionate
2534	10P	Methylchlorosilane
2296	3H	Methylcyclohexane
2617	3L	Methylcyclohexanols
2297	3L	Methylcyclohexanone
2298	3H	Methylcyclopentane
2299	6L	Methyl dichloroacetate
1242	4HW	Methyldichlorosilane
1193	3L	Methyl ethyl ketone
2300	6L	2-Methyl-5-ethylpyridine
2454	10L	Methyl fluoride
1243	3H	Methyl formate
2301	3H	2-Methylfuran
3023	6F	2-Methyl-2-heptanethiol
2302	3L	5-Methylhexan-2-one
1244	6F	Methylhydrazine
2644	6L	Methyl iodide
2053	3L	Methyl isobutyl carbinol
1245	3L	Methyl isobutyl ketone
2480	6H	Methyl isocyanate
1246	3L	Methyl isopropenyl ketone, stabilized
2477	6F	Methyl isothiocyanate
2400	3L	Methyl isovalerate
1928	4HW	Methyl magnesium bromide in ethyl ether
1064	10P	Methyl mercaptan
1247	3L	Methyl methacrylate monomer, stabilized
2535	3C	4-Methylmorpholine
2535	3C	N-Methylmorpholine
2606	6F	Methyl orthosilicate
2461	3H	Methylpentadiene
2560	3L	2-Methylpentan-2-ol
2437	8L	Methylphenyldichlorosilane
2399	3C	1-Methylpiperidine
1248	3H	Methyl propionate
2612	3AH	Methyl propyl ether
1249	3L	Methyl propyl ketone
2536	3H	Methyltetrahydrofuran
2533	6L	Methyl trichloroacetate
1250	3C	Methyltrichlorosilane
2367	3L	alpha-Methylvaleraldehyde
1251	6CH	Methyl vinyl ketone, stabilized
0136	1L	Mines
0137	1L	Mines
0138	1L	Mines
0294	1L	Mines
2508	8L	Molybdenum pentachloride
2054	8F	Morpholine
1649	6L	Motor fuel anti-knock mixture
3483	6F	Motor fuel anti-knock mixture, flammable
1203	3H	Motor spirit
2956	3E	Musk xylene
1334	3L	Naphthalene, crude
2304	3L	Naphthalene, molten
1334	3L	Naphthalene, refined
2077	6L	alpha-Naphthylamine
1650	6L	beta-Naphthylamine, solid
3411	6L	beta-Naphthylamine solution
1651	6L	Naphthylthiourea

UN No.	Drill Code	Proper shipping name
1652	6L	Naphthylurea
1971	10L	Natural gas, compressed
1972	10L	Natural gas, refrigerated liquid
1065	2L	Neon, compressed
1913	2L	Neon, refrigerated liquid
1259	6H	Nickel carbonyl
1653	6L	Nickel cyanide
2725	5L	Nickel nitrate
2726	5L	Nickel nitrite
1654	6L	Nicotine
3144	6L	Nicotine compound, liquid, n.o.s.*
1655	6L	Nicotine compound, solid, n.o.s.*
1656	6L	Nicotine hydrochloride, liquid
3444	6L	Nicotine hydrochloride, solid
1656	6L	Nicotine hydrochloride solution
3144	6L	Nicotine preparation, liquid, n.o.s.*
1655	6L	Nicotine preparation, solid, n.o.s.*
1657	6L	Nicotine salicylate
3445	6L	Nicotine sulphate, solid
1658	6L	Nicotine sulphate solution
1659	6L	Nicotine tartrate
1477	5L	Nitrates, inorganic, n.o.s.
3218	5L	Nitrates, inorganic, aqueous solution, n.o.s.
1796		Nitrating acid mixture
	8X	Packing Group I
	8L	Packing Group II
1826		Nitrating acid mixture, spent
	8X	Packing Group I
	8L	Packing Group II
2031		Nitric acid
	8L	Other than red fuming, with more than 20% and less than 65% nitric acid
	8L	Other than red fuming, with not more than 20% nitric acid
	8X	Other than red fuming, with at least 65% but not more than 70% nitric acid
	8X	Other than red fuming, with more than 70% nitric acid
2032	8PX	Nitric acid, red fuming
1975	2PX	Nitric oxide and dinitrogen tetroxide mixture
1975	2PX	Nitric oxide and nitrogen dioxide mixture
1660	2PX	Nitric oxide, compressed
3273	3HP	Nitriles, flammable, toxic, n.o.s.*
3276	6L	Nitriles, liquid, toxic, n.o.s.*
3439	6L	Nitriles, solid, toxic, n.o.s.*
3275	6F	Nitriles, toxic, flammable, n.o.s.*
2627	5L	Nitrites, inorganic, n.o.s.*
3219	5L	Nitrites, inorganic, aqueous solution, n.o.s.*
1661	6L	Nitroanilines
2730	6L	Nitroanisoles, liquid
3458	6L	Nitroanisoles, solid
1662	6L	Nitrobenzene
2305	8L	Nitrobenzenesulphonic acid
0385	1L	5-Nitrobenzotriazol
2306	6L	Nitrobenzotrifluorides, liquid
3431	6L	Nitrobenzotrifluorides, solid
2732	6L	Nitrobromobenzene, liquid
3459	6L	Nitrobromobenzene, solid
0340	1L	Nitrocellulose
0341	1L	Nitrocellulose
3270	3L	Nitrocellulose membrane filters
2557	3L	Nitrocellulose mixture without plasticizer, without pigment
2557	3L	Nitrocellulose mixture without plasticizer, with pigment
2557	3L	Nitrocellulose mixture with plasticizer, without pigment
2557	3L	Nitrocellulose mixture with plasticizer, with pigment
0343	1L	Nitrocellulose, plasticized
2059		Nitrocellulose solution, flammable
	3H	Packing Group I or II
	3L	Packing Group III
0342	1L	Nitrocellulose, wetted
2556	3L	Nitrocellulose with alcohol
2555	3E	Nitrocellulose with water
2307	6L	3-Nitro-4-chlorobenzotrifluoride
3434	6L	Nitrocresols, liquid
2446	6L	Nitrocresols, solid
2842	3L	Nitroethane
1066	2L	Nitrogen, compressed
1067	2PX	Nitrogen dioxide
1977	2L	Nitrogen, refrigerated liquid
2451	2X	Nitrogen trifluoride
2421	2PX	Nitrogen trioxide
0143	1P	Nitroglycerin, desensitized
3357	3L	Nitroglycerin mixture, desensitized, liquid, n.o.s.*
3343	3E	Nitroglycerin mixture, desensitized, liquid flammable, n.o.s.*
3319	3L	Nitroglycerin mixture, desensitized, solid, n.o.s.*
0144	1L	Nitroglycerin solution in alcohol
1204	3L	Nitroglycerin solution in alcohol
3064	3L	Nitroglycerin solution in alcohol
0282	1L	Nitroguanidine
1336	3E	Nitroguanidine, wetted

UN No.	Drill Code	Proper shipping name
1798	8L	Nitrohydrochloric acid
0133	1L	Nitromannite, wetted
1261	3L	Nitromethane
2538	3L	Nitronaphthalene
1663	6L	Nitrophenols
3376	3E	4-Nitrophenylhydrazine
2608	3L	Nitropropanes
1369	4L	p-Nitrosodimethylaniline
0146	1L	Nitrostarch
1337	3E	Nitrostarch, wetted
1069	2CP	Nitrosyl chloride
2308	8L	Nitrosylsulphuric acid, liquid
3456	8L	Nitrosylsulphuric acid, solid
1664	6L	Nitrotoluenes, liquid
3446	6L	Nitrotoluenes, solid
2660	6L	Nitrotoluidines (mono)
0490	1L	Nitrotriazolone
0147	1L	Nitro urea
1070	2AX	Nitrous oxide
2201	2AX	Nitrous oxide, refrigerated liquid
1665	6L	Nitroxylenes, liquid
3447	6L	Nitroxylenes, solid
1920	3L	Nonanes
1799	8L	Nonyltrichlorosilane
2251	3L	2,5-Norbornadiene, stabilized
0490	1L	NTO
1800	8L	Octadecyltrichlorosilane
2309	3L	Octadiene
2422	2L	Octafluorobut-2-ene
1976	2L	Octafluorocyclobutane
2424	2L	Octafluoropropane
1262	3H	Octanes
0484	1L	Octogen, desensitized
0226	1L	Octogen, wetted
0266	1L	Octol
0266	1L	Octolite
0496	1L	Octonal
1191	3L	Octyl aldehydes
1801	8L	Octyltrichlorosilane
1071	10P	Oil gas, compressed
3103	5L	Organic peroxide type C, liquid*
3113	5S	Organic peroxide type C, liquid, temperature controlled*
3104	5L	Organic peroxide type C, solid*
3114	5S	Organic peroxide type C, solid, temperature controlled*
3105	5L	Organic peroxide type D, liquid*
3115	5S	Organic peroxide type D, liquid, temperature controlled*
3106	5L	Organic peroxide type D, solid*
3116	5S	Organic peroxide type D, solid, temperature controlled*
3107	5L	Organic peroxide type E, liquid*
3117	5S	Organic peroxide type E, liquid, temperature controlled*
3108	5L	Organic peroxide type E, solid*
3118	5S	Organic peroxide type E, solid, temperature controlled*
3109	5L	Organic peroxide type F, liquid*
3119	5S	Organic peroxide type F, liquid, temperature controlled*
3110	5L	Organic peroxide type F, solid*
3120	5S	Organic peroxide type F, solid, temperature controlled*
3313	4L	Organic pigments, self-heating
3280	6L	Organoarsenic compound, liquid, n.o.s.*
3465	6L	Organoarsenic compound, solid, n.o.s.*
2762	3P	Organochlorine pesticide, liquid, flammable, toxic*
2996	6L	Organochlorine pesticide, liquid, toxic*
2995	6F	Organochlorine pesticide, liquid, toxic, flammable*
2761	6L	Organochlorine pesticide, solid, toxic*
3282	6L	Organometallic compound, liquid, toxic, n.o.s.*
3467	6L	Organometallic compound, solid, toxic, n.o.s.*
3392	4L	Organometallic substance, liquid, pyrophoric*
3394	4W	Organometallic substance, liquid, pyrophoric, water reactive*
3398	4W	Organometallic substance, liquid, water reactive*
3399	4FW	Organometallic substance, liquid, water reactive, flammable*
3391	4L	Organometallic substance, solid, pyrophoric*
3393	4W	Organometallic substance, solid, pyrophoric, water reactive*
3400	4L	Organometallic substance, solid, self-heating*
3395	4W	Organometallic substance, solid, water reactive*
3396	4W	Organometallic substance, solid, water reactive, flammable*
3397	4W	Organometallic substance, solid, water reactive, self-heating*
3278	6L	Organophosphorus compound, liquid, toxic, n.o.s.*

UN No.	Drill Code	Proper shipping name
3464	6L	Organophosphorus compound, solid, toxic, n.o.s.*
3279	6F	Organophosphorus compound, toxic, flammable, n.o.s.*
2784	3P	Organophosphorus pesticide, liquid, flammable, toxic*
3018	6L	Organophosphorus pesticide, liquid, toxic*
3017	6F	Organophosphorus pesticide, liquid, toxic, flammable*
2783	6L	Organophosphorus pesticide, solid, toxic*
2788	6L	Organotin compound, liquid, n.o.s.*
3146	6L	Organotin compound, solid, n.o.s.*
2787	3P	Organotin pesticide, liquid, flammable, toxic*
3020	6L	Organotin pesticide, liquid, toxic*
3019	6F	Organotin pesticide, liquid, toxic, flammable*
2786	6L	Organotin pesticide, solid, toxic*
2471	6L	Osmium tetroxide
3139	5L	Oxidizing liquid, n.o.s.*
3098	5C	Oxidizing liquid, corrosive, n.o.s.*
3099	5P	Oxidizing liquid, toxic, n.o.s.*
1479	5L	Oxidizing solid, n.o.s.*
3085	5C	Oxidizing solid, corrosive, n.o.s.*
3137	5F	Oxidizing solid, flammable, n.o.s.*
3100	5S	Oxidizing solid, self-heating, n.o.s.*
3087	5P	Oxidizing solid, toxic, n.o.s.*
3121	5W	Oxidizing solid, water-reactive, n.o.s.*
1072	2X	Oxygen, compressed
2190	2PX	Oxygen difluoride, compressed
3356	5L	Oxygen generator, chemical
1073	2X	Oxygen, refrigerated liquid
3509	9L	Packagings, discarded, empty, uncleaned
1263	3L	Paint
3066	8L	Paint
3470	8F	Paint, corrosive, flammable
3469		Paint, flammable, corrosive
	3CH	Packing Group I or II
	3CL	Packing Group III
1263	3L	Paint related material
3066	8L	Paint related material
3470	8F	Paint related material corrosive, flammable
3469		Paint related material, flammable, corrosive
	3CH	Packing Group I or II
	3CL	Packing Group III
1379	4L	Paper, unsaturated oil treated
2213	3L	Paraformaldehyde
1264	3L	Paraldehyde
1380	4P	Pentaborane
1669	6L	Pentachloroethane
3155	6L	Pentachlorophenol
0411	1L	Pentaerythrite tetranitrate
0150	1L	Pentaerythrite tetranitrate, desensitized
3344	3E	Pentaerythrite tetranitrate mixture desensitized, solid, n.o.s.*
0150	1L	Pentaerythrite tetranitrate, wetted
0411	1L	Pentaerythritol tetranitrate
0150	1L	Pentaerythritol tetranitrate, desensitized
3344	3E	Pentaerythritol tetranitrate mixture desensitized, solid, n.o.s.*
0150	1L	Pentaerythritol tetranitrate, wetted
3220	2L	Pentafluoroethane
2286	3L	Pentamethylheptane
2310	3P	Pentane-2,4-dione
1265	3H	Pentanes
1105	3L	Pentanols
1108	3H	1-Pentene
2705	8L	1-Pentol
0151	1L	Pentolite
1481	5L	Perchlorates, inorganic, n.o.s.
3211	5L	Perchlorates, inorganic, aqueous solution, n.o.s.
1802	8X	Perchloric acid
1873	5C	Perchloric acid
1670	6L	Perchloromethyl mercaptan
3083	2PX	Perchloryl fluoride
3154	10L	Perfluoro (ethyl vinyl ether)
3153	10L	Perfluoro (methyl vinyl ether)
1266	3L	Perfumery products
1482	5L	Permanganates, inorganic, n.o.s.*
3214	5L	Permanganates, inorganic, aqueous solution, n.o.s.*
1483	5L	Peroxides, inorganic, n.o.s.
3215	5L	Persulphates, inorganic, n.o.s.
3216	5L	Persulphates, inorganic, aqueous solution, n.o.s.
3021	3P	Pesticide, liquid, flammable, toxic, n.o.s.*
2902	6L	Pesticide, liquid, toxic, n.o.s.*
2903	6F	Pesticide, liquid, toxic, flammable, n.o.s.*

UN No.	Drill Code	Proper shipping name
2588	6L	Pesticide, solid, toxic, n.o.s.*
0411	1L	PETN
0150	1L	PETN, desensitized
3344	3E	PETN mixture desensitized, solid, n.o.s.*
0150	1L	PETN, wetted
1203	3H	Petrol
1267	3L	Petroleum crude oil
1268		Petroleum distillates, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
1075	10L	Petroleum gases, liquefied
1268		Petroleum products, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
3494	3P	Petroleum sour crude oil, flammable, toxic
2645	6i	Phenacyl bromide
2311	6L	Phenetidines
2904	8L	Phenolates, liquid
2905	8L	Phenolates, solid
2312	6L	Phenol, molten
1671	6L	Phenol, solid
2821	6L	Phenol solution
1803	8L	Phenolsulphonic acid, liquid
3346	3P	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic*
3348	6L	Phenoxyacetic acid derivative pesticide, liquid, toxic*
3347	6F	Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable*
3345	6L	Phenoxyacetic acid derivative pesticide, solid, toxic*
2470	6L	Phenylacetonitrile, liquid
2577	8i	Phenylacetyl chloride
1672	6i	Phenylcarbylamine chloride
2746	6C	Phenyl chloroformate
1673	6L	Phenylenediamines
2572	6L	Phenylhydrazine
2487	6Fi	Phenyl isocyanate
2337	6F	Phenyl mercaptan
1674	6L	Phenylmercuric acetate
2026	6L	Phenylmercuric compound, n.o.s.*
1894	6L	Phenylmercuric hydroxide
1895	6L	Phenylmercuric nitrate
2798	8L	Phenylphosphorus dichloride
2799	8L	Phenylphosphorus thiodichloride
1804	8L	Phenyltrichlorosilane
1076	2CP	Phosgene
2940	4L	9-Phosphabicyclononanes
2199	10P	Phosphine
3525	10P	Phosphine, adsorbed
3453	8L	Phosphoric acid, solid
1805	8L	Phosphoric acid, solution
2834	8L	Phosphorous acid
1338	3L	Phosphorus, amorphous
1339	3L	Phosphorus heptasulphide
1939	8W	Phosphorus oxybromide
2576	8W	Phosphorus oxybromide, molten
1810	6C	Phosphorus oxychloride
2691	8W	Phosphorus pentabromide
1806	8W	Phosphorus pentachloride
2198	2CP	Phosphorus pentafluoride
3524	2CP	Phosphorus pentafluoride, adsorbed
1340	4FW	Phosphorus pentasulphide
1807	8W	Phosphorus pentoxide
1341	3W	Phosphorus sesquisulphide
1808	8W	Phosphorus tribromide
1809	6CW	Phosphorus trichloride
2578	8L	Phosphorus trioxide
1343	3W	Phosphorus trisulphide
1381	4P	Phosphorus, white, dry
1381	4P	Phosphorus, white, in solution
2447	4P	Phosphorus, white, molten
1381	4P	Phosphorus, white, under water
1381	4P	Phosphorus, yellow, dry
1381	4P	Phosphorus, yellow, in solution
1381	4P	Phosphorus, yellow, under water
2214	8L	Phthalic anhydride
2313	3L	Picolines
0153	1L	Picramide
0154	1L	Picric acid
1344	3E	Picric acid, wetted
3364	3E	Picric acid, wetted
0282	1L	Picrite
1336	3E	Picrite, wetted
0155	1L	Picryl chloride
3365	3E	Picryl chloride, wetted
2368	3L	alpha-Pinene
1272	3L	Pine oil
2579	8L	Piperazine
2401	8F	Piperidine
3314	9L	Plastics moulding compound
2006	4L	Plastics, nitrocellulose-based, self-

heating, n.o.s.*

2733 3C Polyamines, flammable, corrosive, n.o.s.*

2735 8L Polyamines, liquid, corrosive, n.o.s.*

2734	8F	Polyamines, liquid, corrosive, flammable, n.o.s.*

UN No.	Drill Code	Proper shipping name
3259	8L	Polyamines, solid, corrosive, n.o.s.*
2315	9L	Polychlorinated biphenyls, liquid
3432	9L	Polychlorinated biphenyls, solid
3269	3L	Polyester resin kit
3527	3S	Polyester resin kit
3151	9L	Polyhalogenated biphenyls, liquid
3152	9L	Polyhalogenated biphenyls, solid
3151	9L	Polyhalogenated terphenyls, liquid
3152	9L	Polyhalogenated terphenyls, solid
2211	9L	Polymeric beads, expandable
3532	3L	Polymerizing substance, liquid, stabilized, n.o.s.*
3534	3L	Polymerizing substance, liquid, temperature controlled, n.o.s.*
3531	3L	Polymerizing substance, solid, stabilized, n.o.s.*
3533	3L	Polymerizing substance, solid, temperature controlled, n.o.s.*
2257	4W	Potassium
1677	6L	Potassium arsenate
1678	6L	Potassium arsenite
1870	4W	Potassium borohydride
1484	5L	Potassium bromate
1485	5L	Potassium chlorate
2427	5L	Potassium chlorate, aqueous solution
1679	6L	Potassium cuprocyanide
1680	6L	Potassium cyanide, solid
3413	6L	Potassium cyanide solution
1929	4L	Potassium dithionite
1812	6L	Potassium fluoride, solid
3422	6L	Potassium fluoride solution
2628	6L	Potassium fluoroacetate
2655	6L	Potassium fluorosilicate
1811	8P	Potassium hydrogendifluoride, solid
3421	8P	Potassium hydrogendifluoride solution
2509	8L	Potassium hydrogen sulphate
1929	4L	Potassium hydrosulphite
1813	8L	Potassium hydroxide, solid
1814	8L	Potassium hydroxide solution
1420	4W	Potassium metal alloys, liquid
3403	4W	Potassium metal alloys, solid
2864	6L	Potassium metavanadate
2033	8L	Potassium monoxide
1486	5L	Potassium nitrate
1487	5L	Potassium nitrate and sodium nitrite mixture
1488	5L	Potassium nitrite
1489	5L	Potassium perchlorate
1490	5L	Potassium permanganate
1491	5L	Potassium peroxide
1492	5L	Potassium persulphate
2012	4PW	Potassium phosphide
1422	4W	Potassium sodium alloys, liquid
3404	4W	Potassium sodium alloys, solid
1382	4L	Potassium sulphide
1382	4L	Potassium sulphide, anhydrous
1847	8L	Potassium sulphide, hydrated
2466	5L	Potassium superoxide
0159	1L	Powder cake, wetted
0433	1L	Powder cake, wetted
0159	1L	Powder paste, wetted
0433	1L	Powder paste, wetted
0160	1L	Powder, smokeless
0161	1L	Powder, smokeless
0509	1L	Powder, smokeless
0044	3L	Primers, cap type
0377	1L	Primers, cap type
0378	1L	Primers, cap type
0319	1L	Primers, tubular
0320	1L	Primers, tubular
0376	3L	Primers, tubular
1210	3L	Printing ink
1210	3L	Printing ink related material
0167	1L	Projectiles
0168	1L	Projectiles
0169	1L	Projectiles
0324	1L	Projectiles
0344	1L	Projectiles
0345	3L	Projectiles
0346	1L	Projectiles
0347	1L	Projectiles
0424	1L	Projectiles
0425	1L	Projectiles
0426	1L	Projectiles
0427	1L	Projectiles
0434	1L	Projectiles
0435	1L	Projectiles
2200	10L	Propadiene, stabilized
1978	10L	Propane
2402	3H	Propanethiols
1274	3L	n-Propanol
0495	1L	Propellant, liquid
0497	1L	Propellant, liquid
0498	1L	Propellant, solid
0499	1L	Propellant, solid
0501	1L	Propellant, solid
1275	3H	Propionaldehyde
1848	8L	Propionic acid

UN No.	Drill Code	Proper shipping name
3463	8F	Propionic acid
2496	8L	Propionic anhydride
2404	3P	Propionitrile
1815	3C	Propionyl chloride
1276	3L	n-Propyl acetate
1274	3L	Propyl alcohol, normal
1277	3CH	Propylamine
2364	3L	n-Propylbenzene
2740	6CF	n-Propyl chloroformate
1077	10L	Propylene
2611	6F	Propylene chlorohydrin
2258	8F	1,2-Propylenediamine
1921	3HP	Propyleneimine, stabilized
1280	3H	Propylene oxide
2850	3L	Propylene tetramer
1281	3H	Propyl formates
2482	6F	n-Propyl isocyanate
1865	3L	n-Propyl nitrate
1816	8F	Propyltrichlorosilane
3350	3P	Pyrethroid pesticide, liquid flammable, toxic*
3352	6L	Pyrethroid pesticide, liquid, toxic*
3351	6F	Pyrethroid pesticide, liquid, toxic, flammable*
3349	6L	Pyrethroid pesticide, solid, toxic*
1282	3L	Pyridine
1383	4L	Pyrophoric alloy, n.o.s.*
3194	4W	Pyrophoric liquid, inorganic, n.o.s.*
2845	4W	Pyrophoric liquid, organic, n.o.s.*
1383	4L	Pyrophoric metal, n.o.s.*
3200	4L	Pyrophoric solid, inorganic, n.o.s.*
2846	4L	Pyrophoric solid, organic, n.o.s.*
1817	8W	Pyrosulphuryl chloride
1922	3C	Pyrrolidine
2656	6L	Quinoline
2909	7L	Radioactive material, excepted package — articles manufactured from natural uranium or depleted uranium or natural thorium
2908	7L	Radioactive material, excepted package — empty packaging
2911	7L	Radioactive material, excepted package — instruments or articles
2910	7L	Radioactive material, excepted package — limited quantity of material
2912	7L	Radioactive material, low specific activity (LSA-I)
3321	7L	Radioactive material, low specific activity (LSA-II)
3324	7L	Radioactive material, low specific activity (LSA-II), fissile
3322	7L	Radioactive material, low specific activity (LSA-III)
3325	7L	Radioactive material, low specific activity (LSA-III), fissile
2913	7L	Radioactive material, surface contaminated objects (SCO-I or SCO-II)
3326	7L	Radioactive material, surface contaminated objects (SCO-I or SCO-II), fissile
2919	7L	Radioactive material, transported under special arrangement
3331	7L	Radioactive material, transported under special arrangement, fissile
2915	7L	Radioactive material, Type A package
3327	7L	Radioactive material, Type A package, fissile
3332	7L	Radioactive material, Type A package, special form
3333	7L	Radioactive material, Type A package, special form, fissile
2917	7L	Radioactive material, Type B(M) package
3329	7L	Radioactive material, Type B(M) package, fissile
2916	7L	Radioactive material, Type B(U) package
3328	7L	Radioactive material, Type B(U) package, fissile
3323	7L	Radioactive material, Type C package
3330	7L	Radioactive material, Type C package, fissile
2978	7CP	Radioactive material, uranium hexafluoride
2977	7CP	Radioactive material, uranium hexafluoride, fissile
1856	4L	Rags, oily
0391	1L	RDX and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	RDX and cyclotetramethylenetetranitramine mixture, wetted
0483	1L	RDX, desensitized
0072	1L	RDX, wetted

UN No.	Drill Code	Proper shipping name
2037		Receptacles, small, containing gas
	10L	Division 2.1 without subsidiary risk
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2P	Division 2.3 without subsidiary risk
	10P	Division 2.3 with subsidiary risk 2.1
	10C	Division 2.3 with subsidiary risk 2.1 and 8
	2PX	Division 2.3 with subsidiary risk 5.1
	2CX	Division 2.3 with subsidiary risk 5.1 and 8
	2CP	Division 2.3 with subsidiary risk 8
1078	2L	Refrigerant gas, n.o.s.*
1028	2L	Refrigerant gas R 12
1974	2L	Refrigerant gas R 12B1
1022	2L	Refrigerant gas R 13
1009	2L	Refrigerant gas R 13B1
1982	2A	Refrigerant gas R 14
1029	2L	Refrigerant gas R 21
1018	2L	Refrigerant gas R 22
1984	2A	Refrigerant gas R 23
3252	10L	Refrigerant gas R 32
1063	10L	Refrigerant gas R 40
2454	10L	Refrigerant gas R 41
1958	2L	Refrigerant gas R 114
1020	2L	Refrigerant gas R 115
2193	2L	Refrigerant gas R 116
1021	2L	Refrigerant gas R 124
3220	2L	Refrigerant gas R 125
1983	2L	Refrigerant gas R 133a
3159	2L	Refrigerant gas R 134a
2517	10L	Refrigerant gas R 142b
2035	10L	Refrigerant gas R 143a
1030	10L	Refrigerant gas R 152a
2453	10L	Refrigerant gas R 161
2424	2L	Refrigerant gas R 218
3296	2L	Refrigerant gas R 227
3337	2L	Refrigerant gas R 404A
3338	2L	Refrigerant gas R 407A
3339	2L	Refrigerant gas R 407B
3340	2L	Refrigerant gas R 407C
2602	2L	Refrigerant gas R 500
1973	2L	Refrigerant gas R 502
2599	2L	Refrigerant gas R 503
1082	10P	Refrigerant gas R 1113
1959	10L	Refrigerant gas R 1132a
1858	2L	Refrigerant gas R 1216
2422	2L	Refrigerant gas R 1318
1976	2L	Refrigerant gas R C318
2857	2L	Refrigerating machines
3358	10L	Refrigerating machines
3291	11L	Regulated medical waste, n.o.s.
0173	3L	Release devices, explosive
1866	3L	Resin solution
2876	6L	Resorcinol
0174	3L	Rivets, explosive
0186	1L	Rocket motors
0280	1L	Rocket motors
0281	1L	Rocket motors
0510	1L	Rocket motors
0395	1L	Rocket motors, liquid fuelled
0396	1L	Rocket motors, liquid fuelled
0250	1L	Rocket motors with hypergolic liquids
0322	1L	Rocket motors with hypergolic liquids
0180	1L	Rockets
0181	1L	Rockets
0182	1L	Rockets
0183	1L	Rockets
0295	1L	Rockets
0436	1L	Rockets
0437	1L	Rockets
0438	1L	Rockets
0502	1L	Rockets
0238	1L	Rockets, line-throwing
0240	1L	Rockets, line-throwing
0453	1L	Rockets, line-throwing
0397	1L	Rockets, liquid fuelled
0398	1L	Rockets, liquid fuelled
1286	3L	Rosin oil
1345	3L	Rubber scrap
1345	3L	Rubber shoddy
1287	3L	Rubber solution
1423	4W	Rubidium
2678	8L	Rubidium hydroxide
2677	8L	Rubidium hydroxide solution
3268	9L	Safety devices
0503	1L	Safety devices, pyrotechnic
0190	1L	Samples, explosive*
1386	4L	Seed cake
2217	4L	Seed cake
2630	6L	Selenates*
1905	8L	Selenic acid
2630	6L	Selenites*

UN No.	Drill Code	Proper shipping name
3440	6L	Selenium compound, liquid, n.o.s.*
3283	6L	Selenium compound, solid, n.o.s.*
2657	6L	Selenium disulphide
2194	2CP	Selenium hexafluoride
2879	8P	Selenium oxychloride
3188	4C	Self-heating liquid, corrosive, inorganic, n.o.s.*
3185	4C	Self-heating liquid, corrosive, organic, n.o.s.*
3186	4L	Self-heating liquid, inorganic, n.o.s.*
3183	4L	Self-heating liquid, organic, n.o.s.*
3187	4P	Self-heating liquid, toxic, inorganic, n.o.s.*
3184	4P	Self-heating liquid, toxic, organic, n.o.s.*
3192	4C	Self-heating solid, corrosive, inorganic, n.o.s.*
3126	4C	Self-heating solid, corrosive, organic, n.o.s.*
3190	4L	Self-heating solid, inorganic, n.o.s.*
3088	4L	Self-heating solid, organic, n.o.s.*
3127	4X	Self-heating solid, oxidizing, n.o.s.*
3191	4P	Self-heating solid, toxic, inorganic, n.o.s.*
3128	4P	Self-heating solid, toxic, organic, n.o.s.*
3221	3E	Self-reactive liquid type B*
3231	3E	Self-reactive liquid type B, temperature controlled*
3223	3L	Self-reactive liquid type C*
3233	3S	Self-reactive liquid type C, temperature controlled*
3225	3L	Self-reactive liquid type D*
3235	3S	Self-reactive liquid type D, temperature controlled*
3227	3L	Self-reactive liquid type E*
3237	3S	Self-reactive liquid type E, temperature controlled*
3229	3L	Self-reactive liquid type F*
3239	3S	Self-reactive liquid type F, temperature controlled*
3224	3L	Self-reactive solid type C*
3234	3S	Self-reactive solid type C, temperature controlled*
3226	3L	Self-reactive solid type D*
3236	3S	Self-reactive solid type D, temperature controlled*
3228	3L	Self-reactive solid type E*
3238	3S	Self-reactive solid type E, temperature controlled*
3230	3L	Self-reactive solid type F*
3240	3S	Self-reactive solid type F, temperature controlled*
1288	3L	Shale oil
0191	1L	Signal devices, hand
0373	3L	Signal devices, hand
0194	1L	Signals, distress
0195	1L	Signals, distress
0505	1L	Signals, distress
0506	3L	Signals, distress
0192	1L	Signals, railway track, explosive
0193	3L	Signals, railway track, explosive
0492	1L	Signals, railway track, explosive
0493	1L	Signals, railway track, explosive
0196	1L	Signals, smoke
0197	1L	Signals, smoke
0313	1L	Signals, smoke
0487	1L	Signals, smoke
0507	3L	Signals, smoke
2203	10L	Silane
1346	3L	Silicon powder, amorphous
1818	8L	Silicon tetrachloride
1859	2CP	Silicon tetrafluoride
3521	2CP	Silicon tetrafluoride, adsorbed
1683	6L	Silver arsenite
1684	6L	Silver cyanide
1493	5L	Silver nitrate
1347	3E	Silver picrate, wetted
1906	8L	Sludge acid
1907	8L	Soda lime
1428	4W	Sodium
2812	8L	Sodium aluminate, solid
1819	8L	Sodium aluminate solution
2835	4W	Sodium aluminium hydride
2863	6L	Sodium ammonium vanadate
2473	6L	Sodium arsanilate
1685	6L	Sodium arsenate
1686	6L	Sodium arsenite, aqueous solution
2027	6L	Sodium arsenite, solid
1687	6L	Sodium azide
1426	4W	Sodium borohydride
3320	8L	Sodium borohydride and sodium hydroxide solution
1494	5L	Sodium bromate
1688	6L	Sodium cacodylate
3378	5L	Sodium carbonate peroxyhydrate
1495	5L	Sodium chlorate
2428	5L	Sodium chlorate, aqueous solution
1496	5L	Sodium chlorite
2659	6L	Sodium chloroacetate

UN No.	Drill Code	Proper shipping name
2316	6L	Sodium cuprocyanide, solid
2317	6L	Sodium cuprocyanide solution
1689	6L	Sodium cyanide, solid
3414	6L	Sodium cyanide solution
0234	1L	Sodium dinitro-o-cresolate
1348	3EP	Sodium dinitro-o-cresolate, wetted
3369	3E	Sodium dinitro-o-cresolate, wetted
1384	4L	Sodium dithionite
1690	6L	Sodium fluoride, solid
3415	6L	Sodium fluoride solution
2629	6L	Sodium fluoroacetate
2674	6L	Sodium fluorosilicate
1427	4W	Sodium hydride
2439	8L	Sodium hydrogendifluoride
2318	4L	Sodium hydrosulphide
2949	8L	Sodium hydrosulphide, hydrated
1384	4L	Sodium hydrosulphite
1823	8L	Sodium hydroxide, solid
1824	8L	Sodium hydroxide solution
1431	4C	Sodium methylate
1289	3C	Sodium methylate solution
1825	8L	Sodium monoxide
1498	5L	Sodium nitrate
1499	5L	Sodium nitrate and potassium nitrate mixture
1500	5P	Sodium nitrite
2567	6L	Sodium pentachlorophenate
3377	5L	Sodium perborate monohydrate
1502	5L	Sodium perchlorate
1503	5L	Sodium permanganate
1504	5L	Sodium peroxide
3247	5L	Sodium peroxoborate, anhydrous
1505	5L	Sodium persulphate
1432	4PW	Sodium phosphide
0235	1L	Sodium picramate
1349	3E	Sodium picramate, wetted
1385	4L	Sodium sulphide
1385	4L	Sodium sulphide, anhydrous
1849	8L	Sodium sulphide, hydrated
2547	5L	Sodium superoxide
3244	8L	Solids containing corrosive liquid, n.o.s.*
3175	3L	Solids containing flammable liquid, n.o.s.*
		n.o.s.*
0204	1L	Sounding devices, explosive
0296	1L	Sounding devices, explosive
0374	1L	Sounding devices, explosive
0375	1L	Sounding devices, explosive
1827	8W	Stannic chloride, anhydrous
2440	8L	Stannic chloride pentahydrate
1433	4PW	Stannic phosphides
2676	10P	Stibine
1327	3L	Straw
1691	6L	Strontium arsenite
1506	5L	Strontium chlorate
1507	5L	Strontium nitrate
1508	5L	Strontium perchlorate
1509	5L	Strontium peroxide
2013	4PW	Strontium phosphide
1692	6L	Strychnine
1692	6L	Strychnine salts
0219	1L	Styphnic acid
0394	1L	Styphnic acid, wetted
2055	3L	Styrene monomer, stabilized
0482	1L	Substances, EVI, n.o.s.*
0357	1L	Substances, explosive, n.o.s.*
0358	1L	Substances, explosive, n.o.s.*
0359	1L	Substances, explosive, n.o.s.*
0473	1L	Substances, explosive, n.o.s.*
0474	1L	Substances, explosive, n.o.s.*
0475	1L	Substances, explosive, n.o.s.*
0476	1L	Substances, explosive, n.o.s.*
0477	1L	Substances, explosive, n.o.s.*
0478	1L	Substances, explosive, n.o.s.*
0479	1L	Substances, explosive, n.o.s.*
0480	1L	Substances, explosive, n.o.s.*
0481	3L	Substances, explosive, n.o.s.*
0485	1L	Substances, explosive, n.o.s.*
0482	1L	Substances, explosive, very insensitive, n.o.s.*
2780	3P	Substituted nitrophenol pesticide, liquid, flammable, toxic*
3014	6L	Substituted nitrophenol pesticide, liquid, toxic*
3013	6F	Substituted nitrophenol pesticide, liquid, toxic, flammable*
2779	6L	Substituted nitrophenol pesticide, solid, toxic*
2967	8L	Sulphamic acid
1350	3L	Sulphur
1828	8W	Sulphur chlorides
1079	2CP	Sulphur dioxide
1080	2L	Sulphur hexafluoride
2796	8L	Sulphuric acid
1831	8P	Sulphuric acid, fuming
1832	8L	Sulphuric acid, spent
2448	3L	Sulphur, molten
1833	8L	Sulphurous acid
2418	2CP	Sulphur tetrafluoride

UN No.	Drill Code	Proper shipping name
1829	8L	Sulphur trioxide, stabilized
1834	6C	Sulphuryl chloride
2191	2P	Sulphuryl fluoride
1999	3L	Tars, liquid
1700	6F	Tear gas candles
1693	6i	Tear gas substance, liquid, n.o.s.*
3448	6L	Tear gas substance, solid, n.o.s.*
3284	6L	Tellurium compound, n.o.s.*
2195	2CP	Tellurium hexafluoride
2319	3L	Terpene hydrocarbons, n.o.s.
2541	3L	Terpinolene
2504	6L	Tetrabromoethane
1702	6L	1,1,2,2-Tetrachloroethane
1897	6L	Tetrachloroethylene
1704	6L	Tetraethyl dithiopyrophosphate
2320	8L	Tetraethylenepentamine
1292	3L	Tetraethyl silicate
3159	2L	1,1,1,2-Tetrafluoroethane
1081	10L	Tetrafluoroethylene, stabilized
1982	2A	Tetrafluoromethane
2498	3L	1,2,3,6-Tetrahydrobenzaldehyde
2056	3H	Tetrahydrofuran
2943	3L	Tetrahydrofurfurylamine
2698	8L	Tetrahydrophthalic anhydrides
2410	3L	1,2,3,6-Tetrahydropyridine
2412	3L	Tetrahydrothiophene
3423	8L	Tetramethylammonium hydroxide, solid
1835	8L	Tetramethylammonium hydroxide solution
2749	3H	Tetramethylsilane
0207	1L	Tetranitroaniline
1510	6X	Tetranitromethane
2413	3L	Tetrapropyl orthotitanate
0114	1L	Tetrazene, wetted
0407	1L	Tetrazol-1-acetic acid
0504	1L	1H-Tetrazole
0208	1L	Tetryl
1857	4L	Textile waste, wet
2573	5P	Thallium chlorate
1707	6L	Thallium compound, n.o.s.*
2727	6X	Thallium nitrate
2785	6L	4-Thiapentanal
2436	3i	Thioacetic acid
2772	3P	Thiocarbamate pesticide, liquid, flammable, toxic*
3006	6L	Thiocarbamate pesticide, liquid, toxic*
3005	6F	Thiocarbamate pesticide, liquid, toxic, flammable*
2771	6L	Thiocarbamate pesticide, solid, toxic*
2966	6L	Thioglycol
1940	8L	Thioglycolic acid
2936	6L	Thiolactic acid
1836	8W	Thionyl chloride
2414	3H	Thiophene
2474	6L	Thiophosgene
1837	8W	Thiophosphoryl chloride
3341	4L	Thiourea dioxide
1293	3L	Tinctures, medicinal
—	2L	Tire assemblies inflated, unserviceable, damaged or above maximum rated pressure
3174	4L	Titanium disulphide
1871	3W	Titanium hydride
2546	4L	Titanium powder, dry
1352	3L	Titanium powder, wetted
2878	3L	Titanium sponge granules
2878	3L	Titanium sponge powders
1838	6C	Titanium tetrachloride
2869	8L	Titanium trichloride mixture
2441	4C	Titanium trichloride mixture, pyrophoric
2441	4C	Titanium trichloride, pyrophoric
0209	1L	TNT
0388	1L	TNT and hexanitrostilbene mixture
0388	1L	TNT and trinitrobenzene mixture
0389	1L	TNT mixture containing trinitrobenzene and hexanitrostilbene
1356	3E	TNT, wetted
3366	3E	TNT, wetted
1294	3L	Toluene
2078	6L	Toluene diisocyanate
1708	6L	Toluidines, liquid
3451	6L	Toluidines, solid
1709	6L	2,4-Toluylenediamine, solid
3418	6L	2,4-Toluylenediamine solution
0329	1L	Torpedoes
0330	1L	Torpedoes
0451	1L	Torpedoes
0449	1L	Torpedoes, liquid fuelled
0450	1L	Torpedoes, liquid fuelled
3381	6L	Toxic by inhalation liquid, n.o.s.*
3382	6L	Toxic by inhalation liquid, n.o.s.*
3389	6C	Toxic by inhalation liquid, corrosive, n.o.s.*
3390	6C	Toxic by inhalation liquid, corrosive, n.o.s.*
3383	6F	Toxic by inhalation liquid, flammable, n.o.s.*

UN No.	Drill Code	Proper shipping name
3384	6F	Toxic by inhalation liquid, flammable, n.o.s.*
3488	6CF	Toxic by inhalation liquid, flammable, corrosive, n.o.s.*
3489	6CF	Toxic by inhalation liquid, flammable, corrosive, n.o.s.*
3387	6X	Toxic by inhalation liquid, oxidizing, n.o.s.*
3388	6X	Toxic by inhalation liquid, oxidizing, n.o.s.*
3385	6W	Toxic by inhalation liquid, water-reactive, n.o.s.*
3386	6W	Toxic by inhalation liquid, water-reactive, n.o.s.*
3490	6FW	Toxic by inhalation liquid, water-reactive, flammable, n.o.s.*
3491	6FW	Toxic by inhalation liquid, water-reactive, flammable, n.o.s.*
3289	6C	Toxic liquid, corrosive, inorganic, n.o.s.*
2927	6C	Toxic liquid, corrosive, organic, n.o.s.*
2929	6F	Toxic liquid, flammable, organic, n.o.s.*
3287	6L	Toxic liquid, inorganic, n.o.s.*
2810	6L	Toxic liquid, organic, n.o.s.*
3122	6X	Toxic liquid, oxidizing, n.o.s.*
3123	6W	Toxic liquid, water-reactive, n.o.s.*
3290	6C	Toxic solid, corrosive, inorganic, n.o.s.*
2928	6C	Toxic solid, corrosive, organic, n.o.s.*
3535	6F	Toxic solid, flammable, inorganic, n.o.s.*
2930	6F	Toxic solid, flammable, organic, n.o.s.*
3288	6L	Toxic solid, inorganic, n.o.s.*
2811	6L	Toxic solid, organic, n.o.s.*
3086	6X	Toxic solid, oxidizing, n.o.s.*
3124	6S	Toxic solid, self-heating, n.o.s.*
3125	6W	Toxic solid, water-reactive, n.o.s.*
3172	6L	Toxins, extracted from living sources, liquid, n.o.s.*
3462	6L	Toxins, extracted from living sources, solid, n.o.s.*
0212	1L	Tracers for ammunition
0306	1L	Tracers for ammunition
2610	3C	Triallylamine
2609	6L	Triallyl borate
2764	3P	Triazine pesticide, liquid, flammable, toxic*
2998	6L	Triazine pesticide, liquid, toxic*
2997	6F	Triazine pesticide, liquid, toxic, flammable*
2763	6L	Triazine pesticide, solid, toxic*
2542	6L	Tributylamine
3254	4L	Tributylphosphane
1839	8L	Trichloroacetic acid
2564	8L	Trichloroacetic acid solution
2442	8W	Trichloroacetyl chloride
2321	6L	Trichlorobenzenes, liquid
2322	6L	Trichlorobutene
2831	6L	1,1,1-Trichloroethane
1710	6A	Trichloroethylene
2468	5L	Trichloroisocyanuric acid, dry
1295	4HW	Trichlorosilane
2574	6L	Tricresyl phosphate
1296	3CH	Triethylamine
2259	8L	Triethylenetetramine
2323	3L	Triethyl phosphite
2699	8N	Trifluoroacetic acid
3057	2CP	Trifluoroacetyl chloride
1082	10P	Trifluorochloroethylene, stabilized
2035	10L	1,1,1-Trifluoroethane
1984	2A	Trifluoromethane
3136	2A	Trifluoromethane, refrigerated liquid
2942	6L	2-Trifluoromethylaniline
2948	6L	3-Trifluoromethylaniline
2324	3L	Triisobutylene
2616	3L	Triisopropyl borate
2438	6FW	Trimethylacetyl chloride
1083	10L	Trimethylamine, anhydrous
1297		Trimethylamine, aqueous solution
	3CH	Packing Group I or II
	3C	Packing Group III
2325	3L	1,3,5-Trimethylbenzene
2416	3L	Trimethyl borate
1298	3CH	Trimethylchlorosilane
2326	8L	Trimethylcyclohexylamine
2327	8L	Trimethylhexamethylenediamines
2328	6L	Trimethylhexamethylene diisocyanate
2329	3L	Trimethyl phosphite
0153	1L	Trinitroaniline
0213	1L	Trinitroanisole
0214	1L	Trinitrobenzene
0386	1L	Trinitrobenzenesulphonic acid
1354	3E	Trinitrobenzene, wetted
3367	3E	Trinitrobenzene, wetted
0215	1L	Trinitrobenzoic acid
3368	3E	Trinitrobenzoic acid, wetted

UN No.	Drill Code	Proper shipping name
0155	1L	Trinitrochlorobenzene
3365	3E	Trinitrochlorobenzene, wetted
0216	1L	Trinitro-m-cresol
0387	1L	Trinitrofluorenone
0217	1L	Trinitronaphthalene
0218	1L	Trinitrophenetole
0154	1L	Trinitrophenol
1344	3E	Trinitrophenol, wetted
3364	3E	Trinitrophenol, wetted
0208	1L	Trinitrophenylmethylnitramine
0219	1L	Trinitroresorcinol
0394	1L	Trinitroresorcinol, wetted
0209	1L	Trinitrotoluene
0388	1L	Trinitrotoluene and hexanitrostilbene mixture
0388	1L	Trinitrotoluene and trinitrobenzene mixture
0389	1L	Trinitrotoluene mixture containing trinitrobenzene and hexanitrostilbene
1356	3E	Trinitrotoluene, wetted
3366	3E	Trinitrotoluene, wetted
2260	3C	Tripropylamine
2057	3L	Tripropylene
2501	6L	Tris-(1-aziridinyl) phosphine oxide solution
0390	1L	Tritonal
2196	2CP	Tungsten hexafluoride
1299	3L	Turpentine
1300	3L	Turpentine substitute
—	2L	Tyre assemblies inflated, unserviceable, damaged or above maximum rated pressure
2330	3L	Undecane
3507	6C	Uranium hexafluoride, radioactive material, excepted package
1511	5C	Urea hydrogen peroxide
0220	1L	Urea nitrate
1357	3E	Urea nitrate, wetted
3370	3E	Urea nitrate, wetted
2058	3L	Valeraldehyde
2502	8FW	Valeryl chloride
3285	6L	Vanadium compound, n.o.s.*
2443	8W	Vanadium oxytrichloride
2862	6L	Vanadium pentoxide
2444	8W	Vanadium tetrachloride
2475	8W	Vanadium trichloride
2931	6L	Vanadyl sulphate
3166	9L	Vehicle, flammable gas powered
3166	9L	Vehicle, flammable liquid powered
3166	9L	Vehicle, fuel cell, flammable gas
3166	9L	Vehicle, fuel cell, flammable liquid powered
1301	3H	Vinyl acetate, stabilized
1085	10L	Vinyl bromide, stabilized
2838	3L	Vinyl butyrate, stabilized
1086	10L	Vinyl chloride, stabilized
2589	6F	Vinyl chloroacetate
1302	3H	Vinyl ethyl ether, stabilized
1860	10L	Vinyl fluoride, stabilized
1303	3H	Vinylidene chloride, stabilized
1304	3H	Vinyl isobutyl ether, stabilized
1087	10L	Vinyl methyl ether, stabilized
3073	6CF	Vinylpyridines, stabilized
2618	3L	Vinyltoluenes, stabilized
1305	3CH	Vinyltrichlorosilane
0286	1L	Warheads, rocket
0287	1L	Warheads, rocket
0369	1L	Warheads, rocket
0370	1L	Warheads, rocket
0371	1L	Warheads, rocket
0221	1L	Warheads, torpedo
3148	4W	Water-reactive liquid, n.o.s.*
3129	4CW	Water-reactive liquid, corrosive, n.o.s.*
3130	4PW	Water-reactive liquid, toxic, n.o.s.*
2813	4W	Water-reactive solid, n.o.s.*
3131	4CW	Water-reactive solid, corrosive, n.o.s.*
3132	4FW	Water-reactive solid, flammable, n.o.s.*
3133	4WX	Water-reactive solid, oxidizing, n.o.s.*
3135	4SW	Water-reactive solid, self-heating, n.o.s.*
3134	4PW	Water-reactive solid, toxic, n.o.s.*
1306	3L	Wood preservatives, liquid
1387	4L	Wool waste, wet
3342	4L	Xanthates
2036	2L	Xenon
2591	2L	Xenon, refrigerated liquid
1307	3L	Xylenes
3430	6L	Xylenols, liquid
2261	6L	Xylenols, solid
1711	6L	Xylidines, liquid
3452	6L	Xylidines, solid
1701	6L	Xylyl bromide, liquid
3417	6L	Xylyl bromide, solid
1512	5L	Zinc ammonium nitrite
1712	6L	Zinc arsenate
1712	6L	Zinc arsenate and zinc arsenite mixture

UN No.	*Drill Code*	*Proper shipping name*
1712	6L	Zinc arsenite
1435	4W	Zinc ashes
2469	5L	Zinc bromate
1513	5L	Zinc chlorate
2331	8L	Zinc chloride, anhydrous
1840	8L	Zinc chloride solution
1713	6L	Zinc cyanide
1931	9L	Zinc dithionite
1436	4SW	Zinc dust
2855	6L	Zinc fluorosilicate
1931	9L	Zinc hydrosulphite
1514	5L	Zinc nitrate
1515	5L	Zinc permanganate
1516	5L	Zinc peroxide
1714	4PW	Zinc phosphide
1436	4SW	Zinc powder
2714	3L	Zinc resinate
2009	4L	Zirconium, dry
2858	3L	Zirconium, dry
1437	3L	Zirconium hydride
2728	5L	Zirconium nitrate
0236	1L	Zirconium picramate
1517	3E	Zirconium picramate, wetted
2008	4L	Zirconium powder, dry
1358	3L	Zirconium powder, wetted
1932	4L	Zirconium scrap
1308		Zirconium suspended in a flammable liquid
	3H	Packing Group I or II
	3L	Packing Group III
2503	8L	Zirconium tetrachloride

Table 4-3. Numerical List of Dangerous Goods with Drill Codes

UN No.	Drill Code	Proper shipping name
—	9L	Heat producing articles, battery operated equipment, such as underwater torches or soldering equipment, which, if accidentally activated, will generate extreme heat and can cause fire
—	2L	Tire assemblies inflated, unserviceable, damaged or above maximum rated pressure
—	2L	Tyre assemblies inflated, unserviceable, damaged or above maximum rated pressure
0004	1L	Ammonium picrate
0005	1L	Cartridges for weapons
0006	1L	Cartridges for weapons
0007	1L	Cartridges for weapons
0009	1L	Ammunition, incendiary
0010	1L	Ammunition, incendiary
0012	3L	Cartridges for weapons, inert projectile
0012	3L	Cartridges, small arms
0014	3L	Cartridges for tools, blank
0014	3L	Cartridges for weapons, blank
0014	3L	Cartridges, small arms, blank
0015	1L	Ammunition, smoke
0016	1L	Ammunition, smoke
0018	1CP	Ammunition, tear-producing
0019	1CP	Ammunition, tear-producing
0020	1P	Ammunition, toxic*
0021	1P	Ammunition, toxic*
0027	1L	Black powder
0027	1L	Gunpowder
0028	1L	Black powder, compressed
0028	1L	Black powder in pellets
0028	1L	Gunpowder, compressed
0028	1L	Gunpowder in pellets
0029	1L	Detonators, non-electric
0030	1L	Detonators, electric
0033	1L	Bombs
0034	1L	Bombs
0035	1L	Bombs
0037	1L	Bombs, photo-flash
0038	1L	Bombs, photo-flash
0039	1L	Bombs, photo-flash
0042	1L	Boosters
0043	1L	Bursters
0044	3L	Primers, cap type
0048	1L	Charges, demolition
0049	1L	Cartridges, flash
0050	1L	Cartridges, flash
0054	1L	Cartridges, signal
0055	3L	Cases, cartridge, empty, with primer
0056	1L	Charges, depth
0059	1L	Charges, shaped
0060	1L	Charges, supplementary, explosive
0065	1L	Cord, detonating
0066	1L	Cord, igniter
0070	3L	Cutters, cable, explosive
0072	1L	Cyclonite, wetted
0072	1L	Cyclotrimethylenetrinitramine, wetted
0072	1L	Hexogen, wetted
0072	1L	RDX, wetted
0073	1L	Detonators for ammunition
0074	1L	Diazodinitrophenol, wetted
0075	1L	Diethyleneglycol dinitrate, desensitized
0076	1P	Dinitrophenol
0077	1P	Dinitrophenolates
0078	1L	Dinitroresorcinol
0079	1L	Dipicrylamine
0079	1L	Hexanitrodiphenylamine
0079	1L	Hexyl
0081	1L	Explosive, blasting, type A
0082	1L	Explosive, blasting, type B
0083	1L	Explosive, blasting, type C
0084	1L	Explosive, blasting, type D
0092	1L	Flares, surface
0093	1L	Flares, aerial
0094	1L	Flash powder
0099	1L	Fracturing devices, explosive
0101	1L	Fuse, non-detonating
0102	1L	Cord, detonating
0102	1L	Fuse, detonating
0103	1L	Fuse, igniter
0104	1L	Cord, detonating, mild effect
0104	1L	Fuse, detonating, mild effect
0105	3L	Fuse, safety
0106	1L	Fuzes, detonating
0107	1L	Fuzes, detonating
0110	3L	Grenades, practice
0113	1L	Guanyl nitrosaminoguanylidene hydrazine, wetted
0114	1L	Guanyl nitrosaminoguanyltetrazene, wetted
0114	1L	Tetrazene, wetted

UN No.	Drill Code	Proper shipping name
0118	1L	Hexolite
0118	1L	Hexotol
0121	1L	Igniters
0124	1L	Jet perforating guns, charged
0129	1L	Lead azide, wetted
0130	1L	Lead styphnate, wetted
0130	1L	Lead trinitroresorcinate, wetted
0131	3L	Lighters, fuse
0132	1L	Deflagrating metal salts of aromatic nitro-derivatives, n.o.s.
0133	1L	Mannitol hexanitrate, wetted
0133	1L	Nitromannite, wetted
0135	1L	Mercury fulminate, wetted
0136	1L	Mines
0137	1L	Mines
0138	1L	Mines
0143	1P	Nitroglycerin, desensitized
0144	1L	Nitroglycerin solution in alcohol
0146	1L	Nitrostarch
0147	1L	Nitro urea
0150	1L	Pentaerythrite tetranitrate, desensitized
0150	1L	Pentaerythrite tetranitrate, wetted
0150	1L	Pentaerythritol tetranitrate, desensitized
0150	1L	Pentaerythritol tetranitrate, wetted
0150	1L	PETN, desensitized
0150	1L	PETN, wetted
0151	1L	Pentolite
0153	1L	Picramide
0153	1L	Trinitroaniline
0154	1L	Picric acid
0154	1L	Trinitrophenol
0155	1L	Picryl chloride
0155	1L	Trinitrochlorobenzene
0159	1L	Powder cake, wetted
0159	1L	Powder paste, wetted
0160	1L	Powder, smokeless
0161	1L	Powder, smokeless
0167	1L	Projectiles
0168	1L	Projectiles
0169	1L	Projectiles
0171	1L	Ammunition, illuminating
0173	3L	Release devices, explosive
0174	3L	Rivets, explosive
0180	1L	Rockets
0181	1L	Rockets
0182	1L	Rockets
0183	1L	Rockets
0186	1L	Rocket motors
0190	1L	Samples, explosive*
0191	1L	Signal devices, hand
0192	1L	Signals, railway track, explosive
0193	3L	Signals, railway track, explosive
0194	1L	Signals, distress
0195	1L	Signals, distress
0196	1L	Signals, smoke
0197	1L	Signals, smoke
0204	1L	Sounding devices, explosive
0207	1L	Tetranitroaniline
0208	1L	Tetryl
0208	1L	Trinitrophenylmethylnitramine
0209	1L	TNT
0209	1L	Trinitrotoluene
0212	1L	Tracers for ammunition
0213	1L	Trinitroanisole
0214	1L	Trinitrobenzene
0215	1L	Trinitrobenzoic acid
0216	1L	Trinitro-m-cresol
0217	1L	Trinitronaphthalene
0218	1L	Trinitrophenetole
0219	1L	Styphnic acid
0219	1L	Trinitroresorcinol
0220	1L	Urea nitrate
0221	1L	Warheads, torpedo
0222	1L	Ammonium nitrate
0224	1P	Barium azide
0225	1L	Boosters with detonator
0226	1L	Cyclotetramethylenetetranitramine, wetted
0226	1L	HMX, wetted
0226	1L	Octogen, wetted
0234	1L	Sodium dinitro-o-cresolate
0235	1L	Sodium picramate
0236	1L	Zirconium picramate
0237	1L	Charges, shaped, flexible, linear
0238	1L	Rockets, line-throwing
0240	1L	Rockets, line-throwing
0241	1L	Explosive, blasting, type E
0242	1L	Charges, propelling, for cannon
0243	1L	Ammunition, incendiary, white phosphorus
0244	1L	Ammunition, incendiary, white phosphorus
0245	1L	Ammunition, smoke, white phosphorus
0246	1L	Ammunition, smoke, white phosphorus
0247	1L	Ammunition, incendiary
0248	1L	Contrivances, water-activated*
0249	1L	Contrivances, water-activated*

UN No.	Drill Code	Proper shipping name
0250	1L	Rocket motors with hypergolic liquids
0254	1L	Ammunition, illuminating
0255	1L	Detonators, electric
0257	1L	Fuzes, detonating
0266	1L	Octol
0266	1L	Octolite
0267	1L	Detonators, non-electric
0268	1L	Boosters with detonator
0271	1L	Charges, propelling
0272	1L	Charges, propelling
0275	1L	Cartridges, power device
0276	1L	Cartridges, power device
0277	1L	Cartridges, oil well
0278	1L	Cartridges, oil well
0279	1L	Charges, propelling, for cannon
0280	1L	Rocket motors
0281	1L	Rocket motors
0282	1L	Nitroguanidine
0282	1L	Picrite
0283	1L	Boosters
0284	1L	Grenades
0285	1L	Grenades
0286	1L	Warheads, rocket
0287	1L	Warheads, rocket
0288	1L	Charges, shaped, flexible, linear
0289	1L	Cord, detonating
0290	1L	Cord, detonating
0290	1L	Fuse, detonating
0291	1L	Bombs
0292	1L	Grenades
0293	1L	Grenades
0294	1L	Mines
0295	1L	Rockets
0296	1L	Sounding devices, explosive
0297	1L	Ammunition, illuminating
0299	1L	Bombs, photo-flash
0300	1L	Ammunition, incendiary
0301	1CP	Ammunition, tear-producing
0303	1L	Ammunition, smoke
0305	1L	Flash powder
0306	1L	Tracers for ammunition
0312	1L	Cartridges, signal
0313	1L	Signals, smoke
0314	1L	Igniters
0315	1L	Igniters
0316	1L	Fuzes, igniting
0317	1L	Fuzes, igniting
0318	1L	Grenades, practice
0319	1L	Primers, tubular
0320	1L	Primers, tubular
0321	1L	Cartridges for weapons
0322	1L	Rocket motors with hypergolic liquids
0323	3L	Cartridges, power device
0324	1L	Projectiles
0325	1L	Igniters
0326	1L	Cartridges for weapons, blank
0327	1L	Cartridges for weapons, blank
0327	1L	Cartridges, small arms, blank
0328	1L	Cartridges for weapons, inert projectile
0329	1L	Torpedoes
0330	1L	Torpedoes
0331	1L	Agent, blasting, type B
0331	1L	Explosive, blasting, type B
0332	1L	Agent, blasting, type E
0332	1L	Explosive, blasting, type E
0333	1L	Fireworks
0334	1L	Fireworks
0335	1L	Fireworks
0336	1L	Fireworks
0337	3L	Fireworks
0338	1L	Cartridges for weapons, blank
0338	1L	Cartridges, small arms, blank
0339	1L	Cartridges for weapons, inert projectile
0339	1L	Cartridges, small arms
0340	1L	Nitrocellulose
0341	1L	Nitrocellulose
0342	1L	Nitrocellulose, wetted
0343	1L	Nitrocellulose, plasticized
0344	1L	Projectiles
0345	3L	Projectiles
0346	1L	Projectiles
0347	1L	Projectiles
0348	1L	Cartridges for weapons
0349	3L	Articles, explosive, n.o.s.*
0350	1L	Articles, explosive, n.o.s.*
0351	1L	Articles, explosive, n.o.s.*
0352	1L	Articles, explosive, n.o.s.*
0353	1L	Articles, explosive, n.o.s.*
0354	1L	Articles, explosive, n.o.s.*
0355	1L	Articles, explosive, n.o.s.*
0356	1L	Articles, explosive, n.o.s.*
0357	1L	Substances, explosive, n.o.s.*
0358	1L	Substances, explosive, n.o.s.*
0359	1L	Substances, explosive, n.o.s.*
0360	1L	Detonator assemblies, non-electric
0361	1L	Detonator assemblies, non-electric
0362	1L	Ammunition, practice

UN No.	Drill Code	Proper shipping name
0363	1L	Ammunition, proof
0364	1L	Detonators for ammunition
0365	1L	Detonators for ammunition
0366	3L	Detonators for ammunition
0367	3L	Fuzes, detonating
0368	3L	Fuzes, igniting
0369	1L	Warheads, rocket
0370	1L	Warheads, rocket
0371	1L	Warheads, rocket
0372	1L	Grenades, practice
0373	3L	Signal devices, hand
0374	1L	Sounding devices, explosive
0375	1L	Sounding devices, explosive
0376	3L	Primers, tubular
0377	1L	Primers, cap type
0378	1L	Primers, cap type
0379	1L	Cases, cartridge, empty, with primer
0380	1S	Articles, pyrophoric
0381	1L	Cartridges, power device
0382	1L	Components, explosive train, n.o.s.*
0383	1L	Components, explosive train, n.o.s.*
0384	3L	Components, explosive train, n.o.s.*
0385	1L	5-Nitrobenzotriazol
0386	1L	Trinitrobenzenesulphonic acid
0387	1L	Trinitrofluorenone
0388	1L	TNT and hexanitrostilbene mixture
0388	1L	TNT and trinitrobenzene mixture
0388	1L	Trinitrotoluene and hexanitrostilbene mixture
0388	1L	Trinitrotoluene and trinitrobenzene mixture
0389	1L	TNT mixture containing trinitrobenzene and hexanitrostilbene
0389	1L	Trinitrotoluene mixture containing trinitrobenzene and hexanitrostilbene
0390	1L	Tritonal
0391	1L	Cyclonite and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Cyclonite and cyclotetramethylenetetranitramine mixture, wetted
0391	1L	Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine mixture, wetted
0391	1L	Hexogen and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	Hexogen and cyclotetramethylenetetranitramine mixture, wetted
0391	1L	RDX and cyclotetramethylenetetranitramine mixture, desensitized
0391	1L	RDX and cyclotetramethylenetetranitramine mixture, wetted
0392	1L	Hexanitrostilbene
0393	1L	Hexotonal
0394	1L	Styphnic acid, wetted
0394	1L	Trinitroresorcinol, wetted
0395	1L	Rocket motors, liquid fuelled
0396	1L	Rocket motors, liquid fuelled
0397	1L	Rockets, liquid fuelled
0398	1L	Rockets, liquid fuelled
0399	1L	Bombs with flammable liquid
0400	1L	Bombs with flammable liquid
0401	1L	Dipicryl sulphide
0402	1L	Ammonium perchlorate
0403	1L	Flares, aerial
0404	3L	Flares, aerial
0405	3L	Cartridges, signal
0406	1L	Dinitrosobenzene
0407	1L	Tetrazol-1-acetic acid
0408	1L	Fuzes, detonating
0409	1L	Fuzes, detonating
0410	1L	Fuzes, detonating
0411	1L	Pentaerythrite tetranitrate
0411	1L	Pentaerythritol tetranitrate
0411	1L	PETN
0412	1L	Cartridges for weapons
0413	1L	Cartridges for weapons, blank
0414	1L	Charges, propelling, for cannon
0415	1L	Charges, propelling
0417	1L	Cartridges for weapons, inert projectile
0417	1L	Cartridges, small arms
0418	1L	Flares, surface
0419	1L	Flares, surface
0420	1L	Flares, aerial
0421	1L	Flares, aerial
0424	1L	Projectiles
0425	1L	Projectiles
0426	1L	Projectiles

UN No.	Drill Code	Proper shipping name
0427	1L	Projectiles
0428	1L	Articles, pyrotechnic
0429	1L	Articles, pyrotechnic
0430	1L	Articles, pyrotechnic
0431	1L	Articles, pyrotechnic
0432	3L	Articles, pyrotechnic
0433	1L	Powder cake, wetted
0433	1L	Powder paste, wetted
0434	1L	Projectiles
0435	1L	Projectiles
0436	1L	Rockets
0437	1L	Rockets
0438	1L	Rockets
0439	1L	Charges, shaped
0440	1L	Charges, shaped
0441	3L	Charges, shaped
0442	1L	Charges, explosive, commercial
0443	1L	Charges, explosive, commercial
0444	1L	Charges, explosive, commercial
0445	3L	Charges, explosive, commercial
0446	1L	Cases, combustible, empty, without primer
0447	1L	Cases, combustible, empty, without primer
0448	1L	5-Mercaptotetrazol-1-acetic acid
0449	1L	Torpedoes, liquid fuelled
0450	1L	Torpedoes, liquid fuelled
0451	1L	Torpedoes
0452	1L	Grenades, practice
0453	1L	Rockets, line-throwing
0454	3L	Igniters
0455	3L	Detonators, non-electric
0456	3L	Detonators, electric
0457	1L	Charges, bursting, plastics bonded
0458	1L	Charges, bursting, plastics bonded
0459	1L	Charges, bursting, plastics bonded
0460	3L	Charges, bursting, plastics bonded
0461	1L	Components, explosive train, n.o.s.*
0462	1L	Articles, explosive, n.o.s.*
0463	1L	Articles, explosive, n.o.s.*
0464	1L	Articles, explosive, n.o.s.*
0465	1L	Articles, explosive, n.o.s.*
0466	1L	Articles, explosive, n.o.s.*
0467	1L	Articles, explosive, n.o.s.*
0468	1L	Articles, explosive, n.o.s.*
0469	1L	Articles, explosive, n.o.s.*
0470	1L	Articles, explosive, n.o.s.*
0471	1L	Articles, explosive, n.o.s.*
0473	1L	Substances, explosive, n.o.s.*
0474	1L	Substances, explosive, n.o.s.*
0475	1L	Substances, explosive, n.o.s.*
0476	1L	Substances, explosive, n.o.s.*
0477	1L	Substances, explosive, n.o.s.*
0478	1L	Substances, explosive, n.o.s.*
0479	1L	Substances, explosive, n.o.s.*
0480	1L	Substances, explosive, n.o.s.*
0481	3L	Substances, explosive, n.o.s.*
0482	1L	Substances, EVI, n.o.s.*
0482	1L	Substances, explosive, very insensitive, n.o.s.*
0483	1L	Cyclonite, desensitized
0483	1L	Cyclotrimethylenetrinitramine, desensitized
0483	1L	Hexogen, desensitized
0483	1L	RDX, desensitized
0484	1L	Cyclotetramethylene-tetranitramine, desensitized
0484	1L	HMX, desensitized
0484	1L	Octogen, desensitized
0485	1L	Substances, explosive, n.o.s.*
0486	1L	Articles, EEI
0486	1L	Articles, explosive, extremely insensitive
0487	1L	Signals, smoke
0488	1L	Ammunition, practice
0489	1L	DINGU
0489	1L	Dinitroglycoluril
0490	1L	Nitrotriazolone
0490	1L	NTO
0491	1L	Charges, propelling
0492	1L	Signals, railway track, explosive
0493	1L	Signals, railway track, explosive
0494	1L	Jet perforating guns, charged
0495	1L	Propellant, liquid
0496	1L	Octonal
0497	1L	Propellant, liquid
0498	1L	Propellant, solid
0499	1L	Propellant, solid
0500	3L	Detonator assemblies, non-electric
0501	1L	Propellant, solid
0502	1L	Rockets
0503	1L	Safety devices, pyrotechnic
0504	1L	1H-Tetrazole
0505	1L	Signals, distress
0506	3L	Signals, distress
0507	3L	Signals, smoke
0508	1L	1-Hydroxybenzotriazole, anhydrous
0510	1L	Rocket motors

UN No.	Drill Code	Proper shipping name
0511	1L	Detonators, electronic
0512	1L	Detonators, electronic
0513	1L	Detonators, electronic
1001	10L	Acetylene, dissolved
1002	2L	Air, compressed
1003	2X	Air, refrigerated liquid
1005	2CP	Ammonia, anhydrous
1006	2L	Argon, compressed
1008	2CP	Boron trifluoride
1009	2L	Bromotrifluoromethane
1009	2L	Refrigerant gas R 13B1
1010	10L	Butadienes and hydrocarbon mixture, stabilized
1010	10L	Butadienes, stabilized
1011	10L	Butane
1012	10L	Butylene
1013	2L	Carbon dioxide
1016	10P	Carbon monoxide, compressed
1017	2PX	Chlorine
1018	2L	Chlorodifluoromethane
1018	2L	Refrigerant gas R 22
1020	2L	Chloropentafluoroethane
1020	2L	Refrigerant gas R 115
1021	2L	1-Chloro-1,2,2,2-tetrafluoroethane
1021	2L	Refrigerant gas R 124
1022	2L	Chlorotrifluoromethane
1022	2L	Refrigerant gas R 13
1023	10P	Coal gas, compressed
1026	10P	Cyanogen
1027	10A	Cyclopropane
1028	2L	Dichlorodifluoromethane
1028	2L	Refrigerant gas R 12
1029	2L	Dichlorofluoromethane
1029	2L	Refrigerant gas R 21
1030	10L	1,1-Difluoroethane
1030	10L	Refrigerant gas R 152a
1032	10L	Dimethylamine, anhydrous
1033	10L	Dimethyl ether
1035	10L	Ethane
1036	10L	Ethylamine
1037	10A	Ethyl chloride
1038	10A	Ethylene, refrigerated liquid
1039	10L	Ethyl methyl ether
1040	10P	Ethylene oxide
1040	10P	Ethylene oxide with nitrogen
1041	10L	Ethylene oxide and carbon dioxide mixture
1043	2L	Fertilizer ammoniating solution
1044	2L	Fire extinguishers
1045	2PX	Fluorine, compressed
1046	2L	Helium, compressed
1048	2CP	Hydrogen bromide, anhydrous
1049	10L	Hydrogen, compressed
1050	2CP	Hydrogen chloride, anhydrous
1051	6H	Hydrogen cyanide, stabilized
1052	8P	Hydrogen fluoride, anhydrous
1053	10P	Hydrogen sulphide
1055	10L	Isobutylene
1056	2L	Krypton, compressed
1057	10L	Lighter refills
1057	10L	Lighters
1058	2L	Liquefied gases
1060	10L	Methylacetylene and propadiene mixture, stabilized
1061	10L	Methylamine, anhydrous
1062	2P	Methyl bromide
1063	10L	Methyl chloride
1063	10L	Refrigerant gas R 40
1064	10P	Methyl mercaptan
1065	2L	Neon, compressed
1066	2L	Nitrogen, compressed
1067	2PX	Dinitrogen tetroxide
1067	2PX	Nitrogen dioxide
1069	2CP	Nitrosyl chloride
1070	2AX	Nitrous oxide
1071	10P	Oil gas, compressed
1072	2X	Oxygen, compressed
1073	2X	Oxygen, refrigerated liquid
1075	10L	Petroleum gases, liquefied
1076	2CP	Phosgene
1077	10L	Propylene
1078	2L	Refrigerant gas, n.o.s.*
1079	2CP	Sulphur dioxide
1080	2L	Sulphur hexafluoride
1081	10L	Tetrafluoroethylene, stabilized
1082	10P	Refrigerant gas R 1113
1082	10P	Trifluorochloroethylene, stabilized
1083	10L	Trimethylamine, anhydrous
1085	10L	Vinyl bromide, stabilized
1086	10L	Vinyl chloride, stabilized
1087	10L	Vinyl methyl ether, stabilized
1088	3H	Acetal
1089	3H	Acetaldehyde
1090	3H	Acetone
1091	3L	Acetone oils
1092	6H	Acrolein, stabilized
1093	3P	Acrylonitrile, stabilized
1098	6F	Allyl alcohol
1099	3P	Allyl bromide
1100	3P	Allyl chloride

UN No.	Drill Code	Proper shipping name
1104	3L	Amyl acetates
1105	3L	Pentanols
1106	3C	Amylamine
1107	3L	Amyl chloride
1108	3H	n-Amylene
1108	3H	1-Pentene
1109	3L	Amyl formates
1110	3L	n-Amyl methyl ketone
1111	3L	Amyl mercaptan
1112	3L	Amyl nitrate
1113	3H	Amyl nitrite
1114	3H	Benzene
1120	3L	Butanols
1123	3L	Butyl acetates
1125	3C	n-Butylamine
1126	3L	1-Bromobutane
1127	3L	Chlorobutanes
1128	3L	n-Butyl formate
1129	3L	Butyraldehyde
1130	3L	Camphor oil
1131	3HP	Carbon disulphide
1133	3L	Adhesives
1134	3L	Chlorobenzene
1135	6F	Ethylene chlorohydrin
1136	3L	Coal tar distillates, flammable
1139	3L	Coating solution
1143	6Fi	Crotonaldehyde
1143	6Fi	Crotonaldehyde, stabilized
1144	3H	Crotonylene
1145	3H	Cyclohexane
1146	3H	Cyclopentane
1147	3L	Decahydronaphthalene
1148	3L	Diacetone alcohol
1149	3L	Dibutyl ethers
1150	3L	1,2-Dichloroethylene
1152	3L	Dichloropentanes
1153	3L	Ethylene glycol diethyl ether
1154	3CH	Diethylamine
1155	3AH	Diethyl ether
1155	3AH	Ethyl ether
1156	3L	Diethyl ketone
1157	3L	Diisobutyl ketone
1158	3CH	Diisopropylamine
1159	3H	Diisopropyl ether
1160	3C	Dimethylamine, aqueous solution
1161	3L	Dimethyl carbonate
1162	3C	Dimethyldichlorosilane
1163	6CH	Dimethylhydrazine, unsymmetrical
1164	3H	Dimethyl sulphide
1165	3L	Dioxane
1166	3L	Dioxolane
1167	3AH	Divinyl ether, stabilized
1169	3L	Extracts, aromatic, liquid
1170	3L	Ethanol
1170	3L	Ethanol solution
1170	3L	Ethyl alcohol
1170	3L	Ethyl alcohol solution
1171	3L	Ethylene glycol monoethyl ether
1172	3L	Ethylene glycol monoethyl ether acetate
1173	3L	Ethyl acetate
1175	3L	Ethylbenzene
1176	3L	Ethyl borate
1177	3L	2-Ethylbutyl acetate
1178	3L	2-Ethylbutyraldehyde
1179	3L	Ethyl butyl ether
1180	3L	Ethyl butyrate
1181	6F	Ethyl chloroacetate
1182	6CF	Ethyl chloroformate
1183	4HW	Ethyldichlorosilane
1184	3P	Ethylene dichloride
1185	6FH	Ethyleneimine, stabilized
1188	3L	Ethylene glycol monomethyl ether
1189	3L	Ethylene glycol monomethyl ether acetate
1190	3H	Ethyl formate
1191	3L	Octyl aldehydes
1192	3L	Ethyl lactate
1193	3L	Ethyl methyl ketone
1193	3L	Methyl ethyl ketone
1194	3P	Ethyl nitrite solution
1195	3L	Ethyl propionate
1196	3C	Ethyltrichlorosilane
1197	3L	Extracts, flavouring, liquid
1198	3Ci	Formaldehyde solution, flammable
1199	6F	Furaldehydes
1201	3L	Fusel oil
1202	3L	Diesel fuel
1202	3L	Gas oil
1202	3L	Heating oil, light
1203	3H	Gasoline
1203	3H	Motor spirit
1203	3H	Petrol
1204	3L	Nitroglycerin solution in alcohol
1206	3H	Heptanes
1207	3L	Hexaldehyde
1208	3H	Hexanes
1210	3L	Printing ink
1210	3L	Printing ink related material
1212	3L	Isobutanol

UN No.	Drill Code	Proper shipping name
1212	3L	Isobutyl alcohol
1213	3L	Isobutyl acetate
1214	3CH	Isobutylamine
1216	3H	Isooctene
1218	3H	Isoprene, stabilized
1219	3L	Isopropanol
1219	3L	Isopropyl alcohol
1220	3L	Isopropyl acetate
1221	3CH	Isopropylamine
1222	3L	Isopropyl nitrate
1223	3L	Kerosene
1224	3L	Ketones, liquid, n.o.s.*
1228	3P	Mercaptan mixture, liquid, flammable, toxic, n.o.s.*
1228	3P	Mercaptans, liquid, flammable, toxic, n.o.s.*
1229	3L	Mesityl oxide
1230	3L	Methanol
1231	3H	Methyl acetate
1233	3L	Methylamyl acetate
1234	3H	Methylal
1235	3CH	Methylamine, aqueous solution
1237	3L	Methyl butyrate
1238	6F	Methyl chloroformate
1239	6F	Methyl chloromethyl ether
1242	4HW	Methyldichlorosilane
1243	3H	Methyl formate
1244	6F	Methylhydrazine
1245	3L	Methyl isobutyl ketone
1246	3L	Methyl isopropenyl ketone, stabilized
1247	3L	Methyl methacrylate monomer, stabilized
1248	3H	Methyl propionate
1249	3L	Methyl propyl ketone
1250	3C	Methyltrichlorosilane
1251	6CH	Methyl vinyl ketone, stabilized
1259	6H	Nickel carbonyl
1261	3L	Nitromethane
1262	3H	Octanes
1263	3L	Paint
1263	3L	Paint related material
1264	3L	Paraldehyde
1265	3H	Pentanes
1266	3L	Perfumery products
1267	3L	Petroleum crude oil
1268		Petroleum distillates, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
1268		Petroleum products, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
1272	3L	Pine oil
1274	3L	n-Propanol
1274	3L	Propyl alcohol, normal
1275	3H	Propionaldehyde
1276	3L	n-Propyl acetate
1277	3CH	Propylamine
1278	3H	1-Chloropropane
1279	3L	1,2-Dichloropropane
1280	3H	Propylene oxide
1281	3H	Propyl formates
1282	3L	Pyridine
1286	3L	Rosin oil
1287	3L	Rubber solution
1288	3L	Shale oil
1289	3C	Sodium methylate solution
1292	3L	Tetraethyl silicate
1293	3L	Tinctures, medicinal
1294	3L	Toluene
1295	4HW	Trichlorosilane
1296	3CH	Triethylamine
1297		Trimethylamine, aqueous solution
	3CH	Packing Group I or II
	3C	Packing Group III
1298	3CH	Trimethylchlorosilane
1299	3L	Turpentine
1300	3L	Turpentine substitute
1301	3H	Vinyl acetate, stabilized
1302	3H	Vinyl ethyl ether, stabilized
1303	3H	Vinylidene chloride, stabilized
1304	3H	Vinyl isobutyl ether, stabilized
1305	3CH	Vinyltrichlorosilane
1306	3L	Wood preservatives, liquid
1307	3L	Xylenes
1308		Zirconium suspended in a flammable liquid
	3H	Packing Group I or II
	3L	Packing Group III
1309	3L	Aluminium powder, coated
1310	3E	Ammonium picrate, wetted
1312	3L	Borneol
1313	3L	Calcium resinate
1314	3L	Calcium resinate, fused
1318	3L	Cobalt resinate, precipitated
1320	3EP	Dinitrophenol, wetted
1321	3EP	Dinitrophenolates, wetted
1322	3E	Dinitroresorcinol, wetted
1323	3L	Ferrocerium

UN No.	Drill Code	Proper shipping name
1324	3L	Films, nitrocellulose base
1325	3L	Flammable solid, organic, n.o.s.*
1326	3L	Hafnium powder, wetted
1327	3L	Bhusa
1327	3L	Hay
1327	3L	Straw
1328	3L	Hexamethylenetetramine
1330	3L	Manganese resinate
1331	3L	Matches, 'strike anywhere'
1332	3L	Metaldehyde
1333	3L	Cerium
1334	3L	Naphthalene, crude
1334	3L	Naphthalene, refined
1336	3E	Nitroguanidine, wetted
1336	3E	Picrite, wetted
1337	3E	Nitrostarch, wetted
1338	3L	Phosphorus, amorphous
1339	3L	Phosphorus heptasulphide
1340	4FW	Phosphorus pentasulphide
1341	3W	Phosphorus sesquisulphide
1343	3W	Phosphorus trisulphide
1344	3E	Picric acid, wetted
1344	3E	Trinitrophenol, wetted
1345	3L	Rubber scrap
1345	3L	Rubber shoddy
1346	3L	Silicon powder, amorphous
1347	3E	Silver picrate, wetted
1348	3EP	Sodium dinitro-o-cresolate, wetted
1349	3E	Sodium picramate, wetted
1350	3L	Sulphur
1352	3L	Titanium powder, wetted
1353	3L	Fabrics impregnated with weakly nitrated nitrocellulose, n.o.s.
1353	3L	Fibres impregnated with weakly nitrated nitrocellulose, n.o.s.
1354	3E	Trinitrobenzene, wetted
1355	3E	Trinitrobenzoic acid, wetted
1356	3E	TNT, wetted
1356	3E	Trinitrotoluene, wetted
1357	3E	Urea nitrate, wetted
1358	3L	Zirconium powder, wetted
1360	4PW	Calcium phosphide
1361	4L	Carbon
1362	4L	Carbon, activated
1363	4L	Copra
1364	4L	Cotton waste, oily
1365	4L	Cotton, wet
1369	4L	p-Nitrosodimethylaniline
1372	4L	Fibres, animal
1372	4L	Fibres, vegetable
1373	4L	Fabrics, animal, n.o.s.
1373	4L	Fabrics, synthetic, n.o.s
1373	4L	Fabrics, vegetable, n.o.s.
1373	4L	Fibres, animal, n.o.s.
1373	4L	Fibres, synthetic, n.o.s.
1373	4L	Fibres, vegetable, n.o.s.
1374	4L	Fish meal, unstabilized
1374	4L	Fish scrap, unstabilized
1376	4L	Iron oxide, spent
1376	4L	Iron sponge, spent
1378	4L	Metal catalyst, wetted*
1379	4L	Paper, unsaturated oil treated
1380	4P	Pentaborane
1381	4P	Phosphorus, white, dry
1381	4P	Phosphorus, white, in solution
1381	4P	Phosphorus, white, under water
1381	4P	Phosphorus, yellow, dry
1381	4P	Phosphorus, yellow, in solution
1381	4P	Phosphorus, yellow, under water
1382	4L	Potassium sulphide
1382	4L	Potassium sulphide, anhydrous
1383	4L	Pyrophoric alloy, n.o.s.*
1383	4L	Pyrophoric metal, n.o.s.*
1384	4L	Sodium dithionite
1384	4L	Sodium hydrosulphite
1385	4L	Sodium sulphide
1385	4L	Sodium sulphide, anhydrous
1386	4L	Seed cake
1387	4L	Wool waste, wet
1389	4W	Alkali metal amalgam, liquid
1390	4W	Alkali metal amides
1391	4W	Alkali metal dispersion
1391	4W	Alkaline earth metal dispersion
1392	4W	Alkaline earth metal amalgam, liquid
1393	4W	Alkaline earth metal alloy, n.o.s.
1394	4W	Aluminium carbide
1395	4PW	Aluminium ferrosilicon powder
1396	4W	Aluminium powder, uncoated
1397	4PW	Aluminium phosphide
1398	4W	Aluminium silicon powder, uncoated
1400	4W	Barium
1401	4W	Calcium
1402	4W	Calcium carbide
1403	4W	Calcium cyanamide
1404	4W	Calcium hydride
1405	4W	Calcium silicide
1407	4W	Caesium
1408	4PW	Ferrosilicon

UN No.	Drill Code	Proper shipping name
1409	4W	Metal hydrides, water-reactive, n.o.s.*
1410	4W	Lithium aluminium hydride
1411	4HW	Lithium aluminium hydride, ethereal
1413	4W	Lithium borohydride
1414	4W	Lithium hydride
1415	4W	Lithium
1417	4W	Lithium silicon
1418	4SW	Magnesium alloys powder
1418	4SW	Magnesium powder
1419	4PW	Magnesium aluminium phosphide
1420	4W	Potassium metal alloys, liquid
1421	4W	Alkali metal alloy, liquid, n.o.s.
1422	4W	Potassium sodium alloys, liquid
1423	4W	Rubidium
1426	4W	Sodium borohydride
1427	4W	Sodium hydride
1428	4W	Sodium
1431	4C	Sodium methylate
1432	4PW	Sodium phosphide
1433	4PW	Stannic phosphides
1435	4W	Zinc ashes
1436	4SW	Zinc dust
1436	4SW	Zinc powder
1437	3L	Zirconium hydride
1438	5L	Aluminium nitrate
1439	5L	Ammonium dichromate
1442	5L	Ammonium perchlorate
1444	5L	Ammonium persulphate
1445	5P	Barium chlorate, solid
1446	5P	Barium nitrate
1447	5P	Barium perchlorate, solid
1448	5P	Barium permanganate
1449	5P	Barium peroxide
1450	5L	Bromates, inorganic, n.o.s.*
1451	5L	Caesium nitrate
1452	5L	Calcium chlorate
1453	5L	Calcium chlorite
1454	5L	Calcium nitrate
1455	5L	Calcium perchlorate
1456	5L	Calcium permanganate
1457	5L	Calcium peroxide
1458	5L	Chlorate and borate mixture
1459	5L	Chlorate and magnesium chloride mixture, solid
1461	5L	Chlorates, inorganic, n.o.s.*
1462	5L	Chlorites, inorganic, n.o.s.*
1463	5CP	Chromium trioxide, anhydrous
1465	5L	Didymium nitrate
1466	5L	Ferric nitrate
1467	5L	Guanidine nitrate
1469	5P	Lead nitrate
1470	5P	Lead perchlorate, solid
1471	5L	Lithium hypochlorite, dry
1471	5L	Lithium hypochlorite mixture
1472	5L	Lithium peroxide
1473	5L	Magnesium bromate
1474	5L	Magnesium nitrate
1475	5L	Magnesium perchlorate
1476	5L	Magnesium peroxide
1477	5L	Nitrates, inorganic, n.o.s.
1479	5L	Oxidizing solid, n.o.s.*
1481	5L	Perchlorates, inorganic, n.o.s.
1482	5L	Permanganates, inorganic, n.o.s.*
1483	5L	Peroxides, inorganic, n.o.s.
1484	5L	Potassium bromate
1485	5L	Potassium chlorate
1486	5L	Potassium nitrate
1487	5L	Potassium nitrate and sodium nitrite mixture
1488	5L	Potassium nitrite
1489	5L	Potassium perchlorate
1490	5L	Potassium permanganate
1491	5L	Potassium peroxide
1492	5L	Potassium persulphate
1493	5L	Silver nitrate
1494	5L	Sodium bromate
1495	5L	Sodium chlorate
1496	5L	Sodium chlorite
1498	5L	Sodium nitrate
1499	5L	Sodium nitrate and potassium nitrate mixture
1500	5P	Sodium nitrite
1502	5L	Sodium perchlorate
1503	5L	Sodium permanganate
1504	5L	Sodium peroxide
1505	5L	Sodium persulphate
1506	5L	Strontium chlorate
1507	5L	Strontium nitrate
1508	5L	Strontium perchlorate
1509	5L	Strontium peroxide
1510	6X	Tetranitromethane
1511	5C	Urea hydrogen peroxide
1512	5L	Zinc ammonium nitrite
1513	5L	Zinc chlorate
1514	5L	Zinc nitrate
1515	5L	Zinc permanganate
1516	5L	Zinc peroxide
1517	3E	Zirconium picramate, wetted
1541	6L	Acetone cyanohydrin, stabilized

UN No.	Drill Code	Proper shipping name
1544	6L	Alkaloid salts, solid, n.o.s.*
1544	6L	Alkaloids, solid, n.o.s.*
1545	6F	Allyl isothiocyanate, stabilized
1546	6L	Ammonium arsenate
1547	6L	Aniline
1548	6L	Aniline hydrochloride
1549	6L	Antimony compound, inorganic, solid, n.o.s.*
1550	6L	Antimony lactate
1551	6L	Antimony potassium tartrate
1553	6L	Arsenic acid, liquid
1554	6L	Arsenic acid, solid
1555	6L	Arsenic bromide
1556	6L	Arsenic compound, liquid, n.o.s.*
1557	6L	Arsenic compound, solid, n.o.s.*
1558	6L	Arsenic
1559	6L	Arsenic pentoxide
1560	6L	Arsenic trichloride
1561	6L	Arsenic trioxide
1562	6L	Arsenical dust
1564	6L	Barium compound, n.o.s.*
1565	6L	Barium cyanide
1566	6L	Beryllium compound, n.o.s.*
1567	6F	Beryllium powder
1569	6F	Bromoacetone
1570	6L	Brucine
1571	3EP	Barium azide, wetted
1572	6L	Cacodylic acid
1573	6L	Calcium arsenate
1574	6L	Calcium arsenate and calcium arsenite mixture, solid
1575	6L	Calcium cyanide
1577	6L	Chlorodinitrobenzenes, liquid
1578	6L	Chloronitrobenzenes, solid
		hydrochloride, solid
1580	6L	Chloropicrin
1581	2P	Chloropicrin and methyl bromide mixture
1582	2P	Chloropicrin and methyl chloride mixture
1583	6L	Chloropicrin mixture, n.o.s.*
1585	6L	Copper acetoarsenite
1586	6L	Copper arsenite
1587	6L	Copper cyanide
1588	6L	Cyanides, inorganic, solid, n.o.s.*
1589	2CP	Cyanogen chloride, stabilized
1590	6L	Dichloroanilines, liquid
1591	6L	o-Dichlorobenzene
1593	6L	Dichloromethane
1594	6L	Diethyl sulphate
1595	6C	Dimethyl sulphate
1596	6L	Dinitroanilines
1597	6L	Dinitrobenzenes, liquid
1598	6L	Dinitro-o-cresol
1599	6L	Dinitrophenol solution
1600	6L	Dinitrotoluenes, molten
1601	6L	Disinfectant, solid, toxic, n.o.s.*
1602	6L	Dye intermediate, liquid, toxic, n.o.s.*
1602	6L	Dye, liquid, toxic, n.o.s.*
1603	6F	Ethyl bromoacetate
1604	8F	Ethylenediamine
1605	6L	Ethylene dibromide
1606	6L	Ferric arsenate
1607	6L	Ferric arsenite
1608	6L	Ferrous arsenate
1611	6L	Hexaethyl tetraphosphate
1612	2P	Hexaethyl tetraphosphate and compressed gas mixture
1613	6L	Hydrocyanic acid, aqueous solution
1613	6L	Hydrogen cyanide, aqueous solution
1614	6L	Hydrogen cyanide, stabilized
1616	6L	Lead acetate
1617	6L	Lead arsenates
1618	6L	Lead arsenites
1620	6L	Lead cyanide
1621	6L	London Purple
1622	6L	Magnesium arsenate
1623	6L	Mercuric arsenate
1624	6L	Mercuric chloride
1625	6L	Mercuric nitrate
1626	6L	Mercuric potassium cyanide
1629	6L	Mercury acetate
1630	6L	Mercury ammonium chloride
1631	6L	Mercury benzoate
1634	6L	Mercury bromides
1636	6L	Mercury cyanide
1637	6L	Mercury gluconate
1638	6L	Mercury iodide
1639	6L	Mercury nucleate
1640	6L	Mercury oleate
1641	6L	Mercury oxide
1642	6L	Mercury oxycyanide, desensitized
1643	6L	Mercury potassium iodide
1644	6L	Mercury salicylate
1645	6L	Mercury sulphate
1646	6L	Mercury thiocyanate

UN No.	Drill Code	Proper shipping name
1647	6L	Methyl bromide and ethylene dibromide mixture, liquid
1648	3L	Acetonitrile
1649	6L	Motor fuel anti-knock mixture
1650	6L	beta-Naphthylamine, solid
1651	6L	Naphthylthiourea
1652	6L	Naphthylurea
1653	6L	Nickel cyanide
1654	6L	Nicotine
1655	6L	Nicotine compound, solid, n.o.s.*
1655	6L	Nicotine preparation, solid, n.o.s.*
1656	6L	Nicotine hydrochloride, liquid
1656	6L	Nicotine hydrochloride solution
1657	6L	Nicotine salicylate
1658	6L	Nicotine sulphate solution
1659	6L	Nicotine tartrate
1660	2PX	Nitric oxide, compressed
1661	6L	Nitroanilines
1662	6L	Nitrobenzene
1663	6L	Nitrophenols
1664	6L	Nitrotoluenes, liquid
1665	6L	Nitroxylenes, liquid
1669	6L	Pentachloroethane
1670	6L	Perchloromethyl mercaptan
1671	6L	Phenol, solid
1672	6i	Phenylcarbylamine chloride
1673	6L	Phenylenediamines
1674	6L	Phenylmercuric acetate
1677	6L	Potassium arsenate
1678	6L	Potassium arsenite
1679	6L	Potassium cuprocyanide
1680	6L	Potassium cyanide, solid
1683	6L	Silver arsenite
1684	6L	Silver cyanide
1685	6L	Sodium arsenate
1686	6L	Sodium arsenite, aqueous solution
1687	6L	Sodium azide
1688	6L	Sodium cacodylate
1689	6L	Sodium cyanide, solid
1690	6L	Sodium fluoride, solid
1691	6L	Strontium arsenite
1692	6L	Strychnine
1692	6L	Strychnine salts
1693	6i	Tear gas substance, liquid, n.o.s.*
1694	6i	Bromobenzyl cyanides, liquid
1695	6Fi	Chloroacetone, stabilized
1697	6i	Chloroacetophenone, solid
1698	6i	Diphenylamine chloroarsine
1699	6i	Diphenylchloroarsine, liquid
1700	6F	Tear gas candles
1701	6L	Xylyl bromide, liquid
1702	6L	1,1,2,2-Tetrachloroethane
1704	6L	Tetraethyl dithiopyrophosphate
1707	6L	Thallium compound, n.o.s.*
1708	6L	Toluidines, liquid
1709	6L	2,4-Toluylenediamine, solid
1710	6A	Trichloroethylene
1711	6L	Xylidines, liquid
1712	6L	Zinc arsenate
1712	6L	Zinc arsenate and zinc arsenite mixture
1712	6L	Zinc arsenite
1713	6L	Zinc cyanide
1714	4PW	Zinc phosphide
1715	8F	Acetic anhydride
1716	8L	Acetyl bromide
1717	3C	Acetyl chloride
1718	8L	Butyl acid phosphate
1719	8L	Caustic alkali liquid, n.o.s.*
1722	6CF	Allyl chloroformate
1723	3C	Allyl iodide
1724	8F	Allyltrichlorosilane, stabilized
1725	8L	Aluminium bromide, anhydrous
1726	8L	Aluminium chloride, anhydrous
1727	8L	Ammonium hydrogendifluoride, solid
1728	8L	Amyltrichlorosilane
1729	8L	Anisoyl chloride
1730	8L	Antimony pentachloride, liquid
1731	8L	Antimony pentachloride solution
1732	8P	Antimony pentafluoride
1733	8L	Antimony trichloride
1736	8W	Benzoyl chloride
1737	6C	Benzyl bromide
1738	6C	Benzyl chloride
1739	8L	Benzyl chloroformate
1740	8L	Hydrogendifluorides, solid, n.o.s.
1741	2CP	Boron trichloride
1742	8L	Boron trifluoride acetic acid complex, liquid
1743	8L	Boron trifluoride propionic acid complex, liquid
1744	8P	Bromine
1744	8P	Bromine solution
1745	5CP	Bromine pentafluoride
1746	5CP	Bromine trifluoride
1747	8F	Butyltrichlorosilane
1748	5L	Calcium hypochlorite, dry
1748	5L	Calcium hypochlorite mixture, dry
1749	2PX	Chlorine trifluoride
1750	6C	Chloroacetic acid solution

UN No.	Drill Code	Proper shipping name
1751	6C	Chloroacetic acid, solid
1752	6Ci	Chloroacetyl chloride
1753	8L	Chlorophenyltrichlorosilane
1754	8W	Chlorosulphonic acid
1755	8L	Chromic acid solution
1756	8L	Chromic fluoride, solid
1757	8L	Chromic fluoride solution
1758	8W	Chromium oxychloride
1759	8L	Corrosive solid, n.o.s.*
1760	8L	Corrosive liquid, n.o.s.*
1761	8P	Cupriethylenediamine solution
1762	8L	Cyclohexenyltrichlorosilane
1763	8L	Cyclohexyltrichlorosilane
1764	8i	Dichloroacetic acid
1765	8i	Dichloroacetyl chloride
1766	8L	Dichlorophenyltrichlorosilane
1767	8F	Diethyldichlorosilane
1768	8L	Difluorophosphoric acid, anhydrous
1769	8L	Diphenyldichlorosilane
1770	8L	Diphenylmethyl bromide
1771	8L	Dodecyltrichlorosilane
1773	8L	Ferric chloride, anhydrous
1774	8L	Fire extinguisher charges
1775	8L	Fluoroboric acid
1776	8L	Fluorophosphoric acid, anhydrous
1777	8W	Fluorosulphonic acid
1778	8L	Fluorosilicic acid
1779	8F	Formic acid
1780	8L	Fumaryl chloride
1781	8L	Hexadecyltrichlorosilane
1782	8L	Hexafluorophosphoric acid
1783	8L	Hexamethylenediamine solution
1784	8L	Hexyltrichlorosilane
1786	8P	Hydrofluoric acid and sulphuric acid mixture
1787	8L	Hydriodic acid
1788	8L	Hydrobromic acid
1789	8L	Hydrochloric acid
1790	8P	Hydrofluoric acid
1791	8L	Hypochlorite solution
1792	8L	Iodine monochloride, solid
1793	8L	Isopropyl acid phosphate
1794	8L	Lead sulphate
1796		Nitrating acid mixture
	8X	Packing Group I
	8L	Packing Group II
1798	8L	Nitrohydrochloric acid
1799	8L	Nonyltrichlorosilane
1800	8L	Octadecyltrichlorosilane
1801	8L	Octyltrichlorosilane
1802	8X	Perchloric acid
1803	8L	Phenolsulphonic acid, liquid
1804	8L	Phenyltrichlorosilane
1805	8L	Phosphoric acid, solution
1806	8W	Phosphorus pentachloride
1807	8W	Phosphorus pentoxide
1808	8W	Phosphorus tribromide
1809	6CW	Phosphorus trichloride
1810	6C	Phosphorus oxychloride
1811	8P	Potassium hydrogendifluoride, solid
1812	6L	Potassium fluoride, solid
1813	8L	Potassium hydroxide, solid
1814	8L	Potassium hydroxide solution
1815	3C	Propionyl chloride
1816	8F	Propyltrichlorosilane
1817	8W	Pyrosulphuryl chloride
1818	8L	Silicon tetrachloride
1819	8L	Sodium aluminate solution
1823	8L	Sodium hydroxide, solid
1824	8L	Sodium hydroxide solution
1825	8L	Sodium monoxide
1826		Nitrating acid mixture, spent
	8X	Packing Group I
	8L	Packing Group II
1827	8W	Stannic chloride, anhydrous
1828	8W	Sulphur chlorides
1829	8L	Sulphur trioxide, stabilized
1830	8L	Sulphuric acid
1831	8P	Sulphuric acid, fuming
1832	8L	Sulphuric acid, spent
1833	8L	Sulphurous acid
1834	6C	Sulphuryl chloride
1835	8L	Tetramethylammonium hydroxide solution
1836	8W	Thionyl chloride
1837	8W	Thiophosphoryl chloride
1838	6C	Titanium tetrachloride
1839	8L	Trichloroacetic acid
1840	8L	Zinc chloride solution
1841	9L	Acetaldehyde ammonia
1843	6L	Ammonium dinitro-o-cresolate, solid
1845	9L	Carbon dioxide, solid
1845	9L	Dry ice
1846	6L	Carbon tetrachloride
1847	8L	Potassium sulphide, hydrated
1848	8L	Propionic acid
1849	8L	Sodium sulphide, hydrated
1851	6L	Medicine, liquid, toxic, n.o.s.

UN No.	Drill Code	Proper shipping name
1854	4W	Barium alloys, pyrophoric
1855	4W	Calcium alloys, pyrophoric
1855	4W	Calcium, pyrophoric
1856	4L	Rags, oily
1857	4L	Textile waste, wet
1858	2L	Hexafluoropropylene
1858	2L	Refrigerant gas R 1216
1859	2CP	Silicon tetrafluoride
1860	10L	Vinyl fluoride, stabilized
1862	3L	Ethyl crotonate
1863	3L	Fuel, aviation, turbine engine
1865	3L	n-Propyl nitrate
1866	3L	Resin solution
1868	3P	Decaborane
1869	3L	Magnesium
1869	3L	Magnesium alloys
1870	4W	Potassium borohydride
1871	3W	Titanium hydride
1872	5L	Lead dioxide
1873	5C	Perchloric acid
1884	6L	Barium oxide
1885	6L	Benzidine
1886	6L	Benzylidene chloride
1887	6L	Bromochloromethane
1888	6A	Chloroform
1889	6C	Cyanogen bromide
1891	6L	Ethyl bromide
1892	6i	Ethyldichloroarsine
1894	6L	Phenylmercuric hydroxide
1895	6L	Phenylmercuric nitrate
1897	6L	Tetrachloroethylene
1898	8L	Acetyl iodide
1902	8L	Diisooctyl acid phosphate
1903	8L	Disinfectant, liquid, corrosive, n.o.s.*
1905	8L	Selenic acid
1906	8L	Sludge acid
1907	8L	Soda lime
1908	8L	Chlorite solution
1910	8L	Calcium oxide
1911	10P	Diborane
1912	10L	Methyl chloride and methylene chloride mixture
1913	2L	Neon, refrigerated liquid
1914	3L	Butyl propionates
1915	3L	Cyclohexanone
1916	6F	2,2′-Dichlorodiethyl ether
1917	3i	Ethyl acrylate, stabilized
1918	3L	Isopropylbenzene
1919	3Hi	Methyl acrylate, stabilized
1920	3L	Nonanes
1921	3HP	Propyleneimine, stabilized
1922	3C	Pyrrolidine
1923	4L	Calcium dithionite
1923	4L	Calcium hydrosulphite
1928	4HW	Methyl magnesium bromide in ethyl ether
1929	4L	Potassium dithionite
1929	4L	Potassium hydrosulphite
1931	9L	Zinc dithionite
1931	9L	Zinc hydrosulphite
1932	4L	Zirconium scrap
1935	6L	Cyanide solution, n.o.s.*
1938	8L	Bromoacetic acid solution
1939	8W	Phosphorus oxybromide
1940	8L	Thioglycolic acid
1941	9L	Dibromodifluoromethane
1942	5L	Ammonium nitrate
1944	3L	Matches, safety
1945	3L	Matches, wax ‘vesta’
1950		Aerosols
	10L	Division 2.1 without subsidiary risk
	10C	Division 2.1 with subsidiary risk 8
	10CP	Division 2.1 with subsidiary risks 6.1 and 8
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2C	Division 2.2 with subsidiary risk 8
	2CP	Division 2.2 with subsidiary risks 6.1 and 8
	2P	Division 2.3 without subsidiary risk or Division 2.2 with subsidiary risk 6.1 (including tear gas devices)
	10P	Division 2.3 with subsidiary risk 2.1 or Division 2.1 with subsidiary risk 6.1 (including tear gas devices)
1951	2L	Argon, refrigerated liquid
1952	2L	Ethylene oxide and carbon dioxide mixture
1953	10P	Compressed gas, toxic, flammabl e, n.o.s.*
1954	10L	Compressed gas, flammable, n.o.s.*
1955	2P	Compressed gas, toxic, n.o.s.*
1956	2L	Compressed gas, n.o.s.*
1957	10L	Deuterium, compressed
1958	2L	1,2-Dichloro-1,1,2,2-tetrafluoroethane

UN No.	Drill Code	Proper shipping name
1958	2L	Refrigerant gas R 114
1959	10L	1,1-Difluoroethylene
1959	10L	Refrigerant gas R 1132a
1961	10L	Ethane, refrigerated liquid
1962	10A	Ethylene
1963	2L	Helium, refrigerated liquid
1964	10L	Hydrocarbon gas mixture, compressed, n.o.s.*
1965	10L	Hydrocarbon gas mixture, liquefied, n.o.s.*
1966	10L	Hydrogen, refrigerated liquid
1967	2P	Insecticide gas, toxic, n.o.s.*
1968	2L	Insecticide gas, n.o.s.*
1969	10L	Isobutane
1970	2L	Krypton, refrigerated liquid
1971	10L	Methane, compressed
1971	10L	Natural gas, compressed
1972	10L	Methane, refrigerated liquid
1972	10L	Natural gas, refrigerated liquid
1973	2L	Chlorodifluoromethane and chloropentafluoroethane mixture
1973	2L	Refrigerant gas R 502
1974	2L	Chlorodifluorobromomethane
1974	2L	Refrigerant gas R 12B1
1975	2PX	Nitric oxide and dinitrogen tetroxide mixture
1975	2PX	Nitric oxide and nitrogen dioxide mixture
1976	2L	Octafluorocyclobutane
1976	2L	Refrigerant gas R C318
1977	2L	Nitrogen, refrigerated liquid
1978	10L	Propane
1982	2A	Refrigerant gas R 14
1982	2A	Tetrafluoromethane
1983	2L	1-Chloro-2,2,2-trifluoroethane
1983	2L	Refrigerant gas R 133a
1984	2A	Refrigerant gas R 23
1984	2A	Trifluoromethane
1986		Alcohols, flammable, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
1987	3L	Alcohols, n.o.s.*
1988		Aldehydes, flammable, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
1989		Aldehydes, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
1990	9N	Benzaldehyde
1991	3HP	Chloroprene, stabilized
1992		Flammable liquid, toxic, n.o.s.*
	3HP	Packing Group I or II
	3P	Packing Group III
1993		Flammable liquid, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
1994	6H	Iron pentacarbonyl
1999	3L	Tars, liquid
2000	3L	Celluloid
2001	3L	Cobalt naphthenates, powder
2002	4L	Celluloid, scrap
2004	4W	Magnesium diamide
2006	4L	Plastics, nitrocellulose-based, self-heating, n.o.s.*
2008	4L	Zirconium powder, dry
2009	4L	Zirconium, dry
2010	4W	Magnesium hydride
2011	4PW	Magnesium phosphide
2012	4PW	Potassium phosphide
2013	4PW	Strontium phosphide
2014	5C	Hydrogen peroxide, aqueous solution
2015	5C	Hydrogen peroxide, aqueous solution, stabilized
2015	5C	Hydrogen peroxide, stabilized
2016	6L	Ammunition, toxic, non-explosive
2017	6C	Ammunition, tear-producing, non-explosive
2018	6L	Chloroanilines, solid
2019	6L	Chloroanilines, liquid
2020	6L	Chlorophenols, solid
2021	6L	Chlorophenols, liquid
2022	6C	Cresylic acid
2023	6F	Epichlorohydrin
2024	6L	Mercury compound, liquid, n.o.s.*
2025	6L	Mercury compound, solid, n.o.s.*
2026	6L	Phenylmercuric compound, n.o.s.*
2027	6L	Sodium arsenite, solid
2028	8L	Bombs, smoke, non-explosive
2029	8FP	Hydrazine, anhydrous
2030	8P	Hydrazine, aqueous solution
2031		Nitric acid
	8L	Other than red fuming, with more than 20% and less than 65% nitric acid
	8L	Other than red fuming, with not more than 20% nitric acid
	8X	Other than red fuming, with more than 70% nitric acid
	8X	Other than red fuming, with at least 65% but not more than 70% nitric acid

UN No.	Drill Code	Proper shipping name
2032	8PX	Nitric acid, red fuming
2033	8L	Potassium monoxide
2034	10L	Hydrogen and methane mixture, compressed
2035	10L	Refrigerant gas R 143a
2035	10L	1,1,1-Trifluoroethane
2036	2L	Xenon
2037		Gas cartridges
	10L	Division 2.1 without subsidiary risk
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2P	Division 2.3 without subsidiary risk
	10P	Division 2.3 with subsidiary risk 2.1
	10C	Division 2.3 with subsidiary risk 2.1 and 8
	2PX	Division 2.3 with subsidiary risk 5.1
	2CX	Division 2.3 with subsidiary risk 5.1 and 8
	2CP	Division 2.3 with subsidiary risk 8
2037		Receptacles, small, containing gas
	10L	Division 2.1 without subsidiary risk
	2L	Division 2.2 without subsidiary risk
	2X	Division 2.2 with subsidiary risk 5.1
	2P	Division 2.3 without subsidiary risk
	10P	Division 2.3 with subsidiary risk 2.1
	10C	Division 2.3 with subsidiary risk 2.1 and 8
	2PX	Division 2.3 with subsidiary risk 5.1
	2CX	Division 2.3 with subsidiary risk 5.1 and 8
	2CP	Division 2.3 with subsidiary risk 8
2038	6L	Dinitrotoluenes, liquid
2044	10L	2,2-Dimethylpropane
2045	3H	Isobutyl aldehyde
2045	3H	Isobutyraldehyde
2046	3L	Cymenes
2047	3L	Dichloropropenes
2048	3L	Dicyclopentadiene
2049	3L	Diethylbenzene
2050	3L	Diisobutylene, isomeric compounds
2051	8F	2-Dimethylaminoethanol
2052	3L	Dipentene
2053	3L	Methyl isobutyl carbinol
2054	8F	Morpholine
2055	3L	Styrene monomer, stabilized
2056	3H	Tetrahydrofuran
2057	3L	Tripropylene
2058	3L	Valeraldehyde
2059		Nitrocellulose solution, flammable
	3H	Packing Group I or II
	3L	Packing Group III
2067	5L	Ammonium nitrate based fertilizer
2071	9L	Ammonium nitrate based fertilizer
2073	2L	Ammonia solution
2074	6L	Acrylamide, solid
2075	6L	Chloral, anhydrous, stabilized
2076	6C	Cresols, liquid
2077	6L	alpha-Naphthylamine
2078	6L	Toluene diisocyanate
2079	8L	Diethylenetriamine
2186	2CP	Hydrogen chloride, refrigerated liquid
2187	2L	Carbon dioxide, refrigerated liquid
2188	10P	Arsine
2189	10P	Dichlorosilane
2190	2PX	Oxygen difluoride, compressed
2191	2P	Sulphuryl fluoride
2192	10P	Germane
2193	2L	Hexafluoroethane
2193	2L	Refrigerant gas R 116
2194	2CP	Selenium hexafluoride
2195	2CP	Tellurium hexafluoride
2196	2CP	Tungsten hexafluoride
2197	2CP	Hydrogen iodide, anhydrous
2198	2CP	Phosphorus pentafluoride
2199	10P	Phosphine
2200	10L	Propadiene, stabilized
2201	2AX	Nitrous oxide, refrigerated liquid
2202	10P	Hydrogen selenide, anhydrous
2203	10L	Silane
2204	10P	Carbonyl sulphide
2205	6L	Adiponitrile
2206	6L	Isocyanate solution, toxic, n.o.s.*
2206	6L	Isocyanates, toxic, n.o.s.*
2208	5L	Calcium hypochlorite mixture, dry
2209	8i	Formaldehyde solution
2210	4SW	Maneb
2210	4SW	Maneb preparation
2211	9L	Polymeric beads, expandable
2212	9L	Asbestos, amphibole*

UN No.	Drill Code	Proper shipping name
2213	3L	Paraformaldehyde
2214	8L	Phthalic anhydride
2215	8L	Maleic anhydride
2215	8L	Maleic anhydride, molten
2216	9L	Fish meal, stabilized
2216	9L	Fish scrap, stabilized
2217	4L	Seed cake
2218	8F	Acrylic acid, stabilized
2219	3L	Allyl glycidyl ether
2222	3L	Anisole
2224	6L	Benzonitrile
2225	8L	Benzenesulphonyl chloride
2226	8L	Benzotrichloride
2227	3L	n-Butyl methacrylate, stabilized
2232	6L	2-Chloroethanal
2233	6L	Chloroanisidines
2234	3L	Chlorobenzotrifluorides
2235	6L	Chlorobenzyl chlorides, liquid
2236	6L	3-Chloro-4-methylphenyl isocyanate, liquid
2237	6L	Chloronitroanilines
2238	3L	Chlorotoluenes
2239	6L	Chlorotoluidines, solid
2240	8L	Chromosulphuric acid
2241	3L	Cycloheptane
2242	3L	Cycloheptene
2243	3L	Cyclohexyl acetate
2244	3L	Cyclopentanol
2245	3L	Cyclopentanone
2246	3H	Cyclopentene
2247	3L	n-Decane
2248	8F	Di-n-butylamine
2249	6F	Dichlorodimethyl ether, symmetrical
2250	6L	Dichlorophenyl isocyanates
2251	3L	Bicyclo [2.2.1] hepta-2-5-diene, stabilized
2251	3L	2,5-Norbornadiene, stabilized
2252	3L	1,2-Dimethoxyethane
2253	6L	N,N-Dimethylaniline
2254	3L	Matches, fusee
2256	3H	Cyclohexene
2257	4W	Potassium
2258	8F	1,2-Propylenediamine
2259	8L	Triethylenetetramine
2260	3C	Tripropylamine
2261	6L	Xylenols, solid
2262	8L	Dimethylcarbamoyl chloride
2263	3L	Dimethylcyclohexanes
2264	8F	N,N-Dimethylcyclohexylamine
2265	3L	N,N-Dimethylformamide
2266	3C	Dimethyl-N-propylamine
2267	6C	Dimethyl thiophosphoryl chloride
2269	8L	3,3'-Iminodipropylamine
2270	3CH	Ethylamine, aqueous solution
2271	3L	Ethyl amyl ketone
2272	6L	N-Ethylaniline
2273	6L	2-Ethylaniline
2274	6L	N-Ethyl-N-benzylaniline
2275	3L	2-Ethylbutanol
2276	3C	2-Ethylhexylamine
2277	3L	Ethyl methacrylate, stabilized
2278	3L	n-Heptene
2279	6L	Hexachlorobutadiene
2280	8L	Hexamethylenediamine, solid
2281	6L	Hexamethylene diisocyanate
2282	3L	Hexanols
2283	3L	Isobutyl methacrylate, stabilized
2284	3P	Isobutyronitrile
2285	6F	Isocyanatobenzotrifluorides
2286	3L	Pentamethylheptane
2287	3H	Isoheptene
2288	3H	Isohexene
2289	8L	Isophoronediamine
2290	6L	Isophorone diisocyanate
2291	6L	Lead compound, soluble, n.o.s.*
2293	3L	4-Methoxy-4-methylpentan-2-one
2294	6L	N-Methylaniline
2295	6F	Methyl chloroacetate
2296	3H	Methylcyclohexane
2297	3L	Methylcyclohexanone
2298	3H	Methylcyclopentane
2299	6L	Methyl dichloroacetate
2300	6L	2-Methyl-5-ethylpyridine
2301	3H	2-Methylfuran
2302	3L	5-Methylhexan-2-one
2303	3L	Isopropenylbenzene
2304	3L	Naphthalene, molten
2305	8L	Nitrobenzenesulphonic acid
2306	6L	Nitrobenzotrifluorides, liquid
2307	6L	3-Nitro-4-chlorobenzotrifluoride
2308	8L	Nitrosylsulphuric acid, liquid
2309	3L	Octadiene
2310	3P	Pentane-2,4-dione
2311	6L	Phenetidines
2312	6L	Phenol, molten
2313	3L	Picolines
2315	9L	Polychlorinated biphenyls, liquid
2316	6L	Sodium cuprocyanide, solid
2317	6L	Sodium cuprocyanide solution
2318	4L	Sodium hydrosulphide

UN No.	Drill Code	Proper shipping name
2319	3L	Terpene hydrocarbons, n.o.s.
2320	8L	Tetraethylenepentamine
2321	6L	Trichlorobenzenes, liquid
2322	6L	Trichlorobutene
2323	3L	Triethyl phosphite
2324	3L	Triisobutylene
2325	3L	1,3,5-Trimethylbenzene
2326	8L	Trimethylcyclohexylamine
2327	8L	Trimethylhexamethylenediamines
2328	6L	Trimethylhexamethylene diisocyanate
2329	3L	Trimethyl phosphite
2330	3L	Undecane
2331	8L	Zinc chloride, anhydrous
2332	3L	Acetaldehyde oxime
2333	3P	Allyl acetate
2334	6H	Allylamine
2335	3P	Allyl ethyl ether
2336	3P	Allyl formate
2337	6F	Phenyl mercaptan
2338	3L	Benzotrifluoride
2339	3L	2-Bromobutane
2340	3L	2-Bromoethyl ethyl ether
2341	3L	1-Bromo-3-methylbutane
2342	3L	Bromomethylpropanes
2343	3L	2-Bromopentane
2344	3L	Bromopropanes
2345	3L	3-Bromopropyne
2346	3L	Butanedione
2347	3L	Butyl mercaptan
2348	3L	Butyl acrylates, stabilized
2350	3L	Butyl methyl ether
2351	3L	Butyl nitrites
2352	3L	Butyl vinyl ether, stabilized
2353	3C	Butyryl chloride
2354	3P	Chloromethyl ethyl ether
2356	3H	2-Chloropropane
2357	8F	Cyclohexylamine
2358	3L	Cyclooctatetraene
2359	3CP	Diallylamine
2360	3P	Diallyl ether
2361	3C	Diisobutylamine
2362	3L	1,1-Dichloroethane
2363	3N	Ethyl mercaptan
2364	3L	n-Propylbenzene
2366	3L	Diethyl carbonate
2367	3L	alpha-Methylvaleraldehyde
2368	3L	alpha-Pinene
2370	3H	1-Hexene
2371	3H	Isopentenes
2372	3L	1,2-Di-(dimethylamino) ethane
2373	3H	Diethoxymethane
2374	3L	3,3-Diethoxypropene
2375	3L	Diethyl sulphide
2376	3H	2,3-Dihydropyran
2377	3L	1,1-Dimethoxyethane
2378	3P	2-Dimethylaminoacetonitrile
2379	3C	1,3-Dimethylbutylamine
2380	3L	Dimethyldiethoxysilane
2381	3P	Dimethyl disulphide
2382	6F	Dimethylhydrazine, symmetrical
2383	3C	Dipropylamine
2384	3H	Di-n-propyl ether
2385	3L	Ethyl isobutyrate
2386	3C	1-Ethylpiperidine
2387	3L	Fluorobenzene
2388	3L	Fluorotoluenes
2389	3H	Furan
2390	3L	2-Iodobutane
2391	3L	Iodomethylpropanes
2392	3L	Iodopropanes
2393	3L	Isobutyl formate
2394	3L	Isobutyl propionate
2395	3C	Isobutyryl chloride
2396	3P	Methacrylaldehyde, stabilized
2397	3L	3-Methylbutan-2-one
2398	3L	Methyl tert-butyl ether
2399	3C	1-Methylpiperidine
2400	3L	Methyl isovalerate
2401	8F	Piperidine
2402	3H	Propanethiols
2403	3L	Isopropenyl acetate
2404	3P	Propionitrile
2405	3L	Isopropyl butyrate
2406	3L	Isopropyl isobutyrate
2407	6CF	Isopropyl chloroformate
2409	3L	Isopropyl propionate
2410	3L	1,2,3,6-Tetrahydropyridine
2411	3P	Butyronitrile
2412	3L	Tetrahydrothiophene
2413	3L	Tetrapropyl orthotitanate
2414	3H	Thiophene
2416	3L	Trimethyl borate
2417	2CP	Carbonyl fluoride
2418	2CP	Sulphur tetrafluoride
2419	10L	Bromotrifluoroethylene
2420	2CP	Hexafluoroacetone
2421	2PX	Nitrogen trioxide
2422	2L	Octafluorobut-2-ene
2422	2L	Refrigerant gas R 1318

UN No.	Drill Code	Proper shipping name
2424	2L	Octafluoropropane
2424	2L	Refrigerant gas R 218
2426	5L	Ammonium nitrate, liquid
2427	5L	Potassium chlorate, aqueous solution
2428	5L	Sodium chlorate, aqueous solution
2429	5L	Calcium chlorate, aqueous solution
2430	8L	Alkylphenols, solid, n.o.s.
2431	6L	Anisidines
2432	6L	N,N-Diethylaniline
2433	6L	Chloronitrotoluenes, liquid
2434	8L	Dibenzyldichlorosilane
2435	8L	Ethylphenyldichlorosilane
2436	3i	Thioacetic acid
2437	8L	Methylphenyldichlorosilane
2438	6FW	Trimethylacetyl chloride
2439	8L	Sodium hydrogendifluoride
2440	8L	Stannic chloride pentahydrate
2441	4C	Titanium trichloride mixture, pyrophoric
2441	4C	Titanium trichloride, pyrophoric
2442	8W	Trichloroacetyl chloride
2443	8W	Vanadium oxytrichloride
2444	8W	Vanadium tetrachloride
2446	6L	Nitrocresols, solid
2447	4P	Phosphorus, white, molten
2448	3L	Sulphur, molten
2451	2X	Nitrogen trifluoride
2452	10L	Ethylacetylene, stabilized
2453	10L	Ethyl fluoride
2453	10L	Refrigerant gas R 161
2454	10L	Methyl fluoride
2454	10L	Refrigerant gas R 41
2456	3H	2-Chloropropene
2457	3H	2,3-Dimethylbutane
2458	3H	Hexadiene
2459	3H	2-Methyl-1-butene
2460	3H	2-Methyl-2-butene
2461	3H	Methylpentadiene
2463	4W	Aluminium hydride
2464	5P	Beryllium nitrate
2465	5L	Dichloroisocyanuric acid, dry
2465	5L	Dichloroisocyanuric acid salts
2466	5L	Potassium superoxide
2468	5L	Trichloroisocyanuric acid, dry
2469	5L	Zinc bromate
2470	6L	Phenylacetonitrile, liquid
2471	6L	Osmium tetroxide
2473	6L	Sodium arsanilate
2474	6L	Thiophosgene
2475	8W	Vanadium trichloride
2477	6F	Methyl isothiocyanate
2478	3P	Isocyanates, flammable, toxic, n.o.s.*
2478	3P	Isocyanate solution, flammable, toxic, n.o.s.*
2480	6H	Methyl isocyanate
2481	6F	Ethyl isocyanate
2482	6F	n-Propyl isocyanate
2483	6H	Isopropyl isocyanate
2484	6F	tert-Butyl isocyanate
2485	6F	n-Butyl isocyanate
2486	6F	Isobutyl isocyanate
2487	6Fi	Phenyl isocyanate
2488	6F	Cyclohexyl isocyanate
2490	6L	Dichloroisopropyl ether
2491	8L	Ethanolamine
2491	8L	Ethanolamine solution
2493	3C	Hexamethyleneimine
2495	5CP	Iodine pentafluoride
2496	8L	Propionic anhydride
2498	3L	1,2,3,6-Tetrahydrobenzaldehyde
2501	6L	Tris-(1-aziridinyl) phosphine oxide solution
2502	8FW	Valeryl chloride
2503	8L	Zirconium tetrachloride
2504	6L	Tetrabromoethane
2505	6L	Ammonium fluoride
2506	8L	Ammonium hydrogen sulphate
2507	8L	Chloroplatinic acid, solid
2508	8L	Molybdenum pentachloride
2509	8L	Potassium hydrogen sulphate
2511	8L	2-Chloropropionic acid
2512	6L	Aminophenols
2513	8L	Bromoacetyl bromide
2514	3L	Bromobenzene
2515	6L	Bromoform
2516	6L	Carbon tetrabromide
2517	10L	1-Chloro-1,1-difluoroethane
2517	10L	Refrigerant gas R 142b
2518	6L	1,5,9-Cyclododecatriene
2520	3L	Cyclooctadienes
2521	6F	Diketene, stabilized
2522	6L	2-Dimethylaminoethyl methacrylate, stabilized
2524	3L	Ethyl orthoformate
2525	6L	Ethyl oxalate
2526	3C	Furfurylamine
2527	3L	Isobutyl acrylate, stabilized
2528	3L	Isobutyl isobutyrate
2529	3C	Isobutyric acid

UN No.	Drill Code	Proper shipping name
2531	8L	Methacrylic acid, stabilized
2533	6L	Methyl trichloroacetate
2534	10P	Methylchlorosilane
2535	3C	4-Methylmorpholine
2535	3C	N-Methylmorpholine
2536	3H	Methyltetrahydrofuran
2538	3L	Nitronaphthalene
2541	3L	Terpinolene
2542	6L	Tributylamine
2545	4L	Hafnium powder, dry
2546	4L	Titanium powder, dry
2547	5L	Sodium superoxide
2548	2PX	Chlorine pentafluoride
2552	6L	Hexafluoroacetone hydrate, liquid
2554	3H	Methylallyl chloride
2555	3E	Nitrocellulose with water
2556	3L	Nitrocellulose with alcohol
2557	3L	Nitrocellulose mixture without plasticizer, without pigment
2557	3L	Nitrocellulose mixture without plasticizer, with pigment
2557	3L	Nitrocellulose mixture with plasticizer, without pigment
2557	3L	Nitrocellulose mixture with plasticizer, with pigment
2558	6F	Epibromohydrin
2560	3L	2-Methylpentan-2-ol
2561	3H	3-Methyl-1-butene
2564	8L	Trichloroacetic acid solution
2565	8L	Dicyclohexylamine
2567	6L	Sodium pentachlorophenate
2570	6L	Cadmium compound*
2571	8L	Alkylsulphuric acids
2572	6L	Phenylhydrazine
2573	5P	Thallium chlorate
2574	6L	Tricresyl phosphate
2576	8W	Phosphorus oxybromide, molten
2577	8i	Phenylacetyl chloride
2578	8L	Phosphorus trioxide
2579	8L	Piperazine
2580	8L	Aluminium bromide solution
2581	8L	Aluminium chloride solution
2582	8L	Ferric chloride solution
2583	8L	Alkylsulphonic acids, solid
2583	8L	Arylsulphonic acids, solid
2584	8L	Alkylsulphonic acids, liquid
2584	8L	Arylsulphonic acids, liquid
2585	8L	Alkylsulphonic acids, solid
2585	8L	Arylsulphonic acids, solid
2586	8L	Alkylsulphonic acids, liquid
2586	8L	Arylsulphonic acids, liquid
2587	6L	Benzoquinone
2588	6L	Pesticide, solid, toxic, n.o.s.*
2589	6F	Vinyl chloroacetate
2590	9L	Asbestos, chrysotile
2591	2L	Xenon, refrigerated liquid
2599	2L	Chlorotrifluoromethane and trifluoromethane azeotropic mixture
2599	2L	Refrigerant gas R 503
2601	10L	Cyclobutane
2602	2L	Dichlorodifluoromethane and difluoroethane azeotropic mixture
2602	2L	Refrigerant gas R 500
2603	3P	Cycloheptatriene
2604	8F	Boron trifluoride diethyl etherate
2605	6F	Methoxymethyl isocyanate
2606	6F	Methyl orthosilicate
2607	3L	Acrolein dimer, stabilized
2608	3L	Nitropropanes
2609	6L	Triallyl borate
2610	3C	Triallylamine
2611	6F	Propylene chlorohydrin
2612	3AH	Methyl propyl ether
2614	3L	Methallyl alcohol
2615	3H	Ethyl propyl ether
2616	3L	Triisopropyl borate
2617	3L	Methylcyclohexanols
2618	3L	Vinyltoluenes, stabilized
2619	8F	Benzyldimethylamine
2620	3L	Amyl butyrates
2621	3L	Acetyl methyl carbinol
2622	3P	Glycidaldehyde
2623	3L	Firelighters, solid
2624	4W	Magnesium silicide
2626	5L	Chloric acid, aqueous solution
2627	5L	Nitrites, inorganic, n.o.s.*
2628	6L	Potassium fluoroacetate
2629	6L	Sodium fluoroacetate
2630	6L	Selenates*
2630	6L	Selenites*
2642	6L	Fluoroacetic acid
2643	6i	Methyl bromoacetate
2644	6L	Methyl iodide
2645	6i	Phenacyl bromide
2646	6L	Hexachlorocyclopentadiene
2647	6L	Malononitrile
2648	6L	1,2-Dibromobutan-3-one
2649	6i	1,3-Dichloroacetone
2650	6L	1,1-Dichloro-1-nitroethane
2651	6L	4,4′-Diaminodiphenylmethane
2653	6L	Benzyl iodide

UN No.	Drill Code	Proper shipping name
2655	6L	Potassium fluorosilicate
2656	6L	Quinoline
2657	6L	Selenium disulphide
2659	6L	Sodium chloroacetate
2660	6L	Nitrotoluidines (mono)
2661	6L	Hexachloroacetone
2664	6L	Dibromomethane
2667	6L	Butyltoluenes
2668	6F	Chloroacetonitrile
2669	6L	Chlorocresols solution
2670	8L	Cyanuric chloride
2671	6L	Aminopyridines
2672	8L	Ammonia solution
2673	6L	2-Amino-4-chlorophenol
2674	6L	Sodium fluorosilicate
2676	10P	Stibine
2677	8L	Rubidium hydroxide solution
2678	8L	Rubidium hydroxide
2679	8L	Lithium hydroxide solution
2680	8L	Lithium hydroxide
2681	8L	Caesium hydroxide solution
2682	8L	Caesium hydroxide
2683	8FP	Ammonium sulphide solution
2684	3C	3-Diethylaminopropylamine
2685	8F	N,N-Diethylethylenediamine
2686	8F	2-Diethylaminoethanol
2687	3L	Dicyclohexylammonium nitrite
2688	6L	1-Bromo-3-chloropropane
2689	6L	Glycerol alpha-monochlorohydrin
2690	6L	N,n-Butylimidazole
2691	8W	Phosphorus pentabromide
2692	8L	Boron tribromide
2693	8L	Bisulphites, aqueous solution, n.o.s.*
2698	8L	Tetrahydrophthalic anhydrides
2699	8N	Trifluoroacetic acid
2705	8L	1-Pentol
2707	3L	Dimethyldioxanes
2709	3L	Butylbenzenes
2710	3L	Dipropyl ketone
2713	6L	Acridine
2714	3L	Zinc resinate
2715	3L	Aluminium resinate
2716	6L	1,4-Butynediol
2717	3L	Camphor
2719	5P	Barium bromate
2720	5L	Chromium nitrate
2721	5L	Copper chlorate
2722	5L	Lithium nitrate
2723	5L	Magnesium chlorate
2724	5L	Manganese nitrate
2725	5L	Nickel nitrate
2726	5L	Nickel nitrite
2727	6X	Thallium nitrate
2728	5L	Zirconium nitrate
2729	6L	Hexachlorobenzene
2730	6L	Nitroanisoles, liquid
2732	6L	Nitrobromobenzene, liquid
2733	3C	Amines, flammable, corrosive, n.o.s.*
2733	3C	Polyamines, flammable, corrosive, n.o.s.*
2734	8F	Amines, liquid, corrosive, flammable, n.o.s.*
2734	8F	Polyamines, liquid, corrosive, flammable, n.o.s.*
2735	8L	Amines, liquid, corrosive, n.o.s.*
2735	8L	Polyamines, liquid, corrosive, n.o.s.*
2738	6L	N-Butylaniline
2739	8L	Butyric anhydride
2740	6CF	n-Propyl chloroformate
2741	5P	Barium hypochlorite
2742	6CF	Chloroformates, toxic, corrosive, flammable, n.o.s.*
2743	6CF	n-Butyl chloroformate
2744	6CF	Cyclobutyl chloroformate
2745	6C	Chloromethyl chloroformate
2746	6C	Phenyl chloroformate
2747	6L	tert-Butylcyclohexyl chloroformate
2748	6C	2-Ethylhexyl chloroformate
2749	3H	Tetramethylsilane
2750	6L	1,3-Dichloropropanol-2
2751	8L	Diethylthiophosphoryl chloride
2752	3L	1,2-Epoxy-3-ethoxypropane
2753	6L	N-Ethylbenzyltoluidines, liquid
2754	6L	N-Ethyltoluidines
2757	6L	Carbamate pesticide, solid, toxic*
2758	3P	Carbamate pesticide, liquid, flammable, toxic*
2759	6L	Arsenical pesticide, solid, toxic*
2760	3P	Arsenical pesticide, liquid, flammable, toxic*
2761	6L	Organochlorine pesticide, solid, toxic*
2762	3P	Organochlorine pesticide, liquid, flammable, toxic*
2763	6L	Triazine pesticide, solid, toxic*
2764	3P	Triazine pesticide, liquid, flammable. toxic*
2771	6L	Thiocarbamate pesticide, solid, toxic*

UN No.	Drill Code	Proper shipping name
2772	3P	Thiocarbamate pesticide, liquid, flammable, toxic*
2775	6L	Copper based pesticide, solid, toxic*
2776	3P	Copper based pesticide, liquid, flammable, toxic*
2777	6L	Mercury based pesticide, solid, toxic*
2778	3P	Mercury based pesticide, liquid, flammable, toxic*
2779	6L	Substituted nitrophenol pesticide, solid, toxic*
2780	3P	Substituted nitrophenol pesticide, liquid, flammable, toxic*
2781	6L	Bipyridilium pesticide, solid, toxic*
2782	3P	Bipyridilium pesticide, liquid, flammable, toxic*
2783	6L	Organophosphorus pesticide, solid, toxic*
2784	3P	Organophosphorus pesticide, liquid, flammable, toxic*
2785	6L	4-Thiapentanal
2786	6L	Organotin pesticide, solid, toxic*
2787	3P	Organotin pesticide, liquid, flammable, toxic*
2788	6L	Organotin compound, liquid, n.o.s.*
2789	8F	Acetic acid, glacial
2789	8F	Acetic acid solution
2790	8L	Acetic acid solution
2793	4L	Ferrous metal borings
2793	4L	Ferrous metal cuttings
2793	4L	Ferrous metal shavings
2793	4L	Ferrous metal turnings
2794	8L	Batteries, wet, filled with acid
2795	8L	Batteries, wet, filled with alkali
2796	8L	Battery fluid, acid
2796	8L	Sulphuric acid
2797	8L	Battery fluid, alkali
2798	8L	Phenylphosphorus dichloride
2799	8L	Phenylphosphorus thiodichloride
2800	8L	Batteries, wet, non-spillable
2801	8L	Dye intermediate, liquid, corrosive, n.o.s.*
2801	8L	Dye, liquid, corrosive, n.o.s.*
2802	8L	Copper chloride
2803	8L	Gallium
2805	4W	Lithium hydride, fused solid
2806	4W	Lithium nitride
2807	9M	Magnetized material
2809	8P	Mercury
2810	6L	Toxic liquid, organic, n.o.s.*
2811	6L	Toxic solid, organic, n.o.s.*
2812	8L	Sodium aluminate, solid
2813	4W	Water-reactive solid, n.o.s.*
2814	11Y	Infectious substance, affecting humans
2815	8P	N-Aminoethylpiperazine
2817	8P	Ammonium hydrogendifluoride solution
2818	8P	Ammonium polysulphide solution
2819	8L	Amyl acid phosphate
2820	8L	Butyric acid
2821	6L	Phenol solution
2822	6L	2-Chloropyridine
2823	8L	Crotonic acid, solid
2826	8F	Ethyl chlorothioformate
2829	8L	Caproic acid
2830	4W	Lithium ferrosilicon
2831	6L	1,1,1-Trichloroethane
2834	8L	Phosphorous acid
2835	4W	Sodium aluminium hydride
2837	8L	Bisulphates, aqueous solution
2838	3L	Vinyl butyrate, stabilized
2839	6L	Aldol
2840	3L	Butyraldoxime
2841	3P	Di-n-amylamine
2842	3L	Nitroethane
2844	4W	Calcium manganese silicon
2845	4W	Pyrophoric liquid, organic, n.o.s.*
2846	4L	Pyrophoric solid, organic, n.o.s.*
2849	6L	3-Chloropropanol-1
2850	3L	Propylene tetramer
2851	8L	Boron trifluoride dihydrate
2852	3E	Dipicryl sulphide, wetted
2853	6L	Magnesium fluorosilicate
2854	6L	Ammonium fluorosilicate
2855	6L	Zinc fluorosilicate
2856	6L	Fluorosilicates, n.o.s.*
2857	2L	Refrigerating machines
2858	3L	Zirconium, dry
2859	6L	Ammonium metavanadate
2861	6L	Ammonium polyvanadate
2862	6L	Vanadium pentoxide
2863	6L	Sodium ammonium vanadate
2864	6L	Potassium metavanadate
2865	8L	Hydroxylamine sulphate
2869	8L	Titanium trichloride mixture
2870	4W	Aluminium borohydride
2870	4W	Aluminium borohydride in devices
2871	6L	Antimony powder

UN No.	Drill Code	Proper shipping name
2872	6L	Dibromochloropropanes
2873	6L	Dibutylaminoethanol
2874	6L	Furfuryl alcohol
2875	6L	Hexachlorophene
2876	6L	Resorcinol
2878	3L	Titanium sponge granules
2878	3L	Titanium sponge powders
2879	8P	Selenium oxychloride
2880	5L	Calcium hypochlorite, hydrated
2880	5L	Calcium hypochlorite, hydrated mixture
2881	4L	Metal catalyst, dry*
2900	11Y	Infectious substance, affecting animals
2901	2PX	Bromine chloride
2902	6L	Pesticide, liquid, toxic, n.o.s.*
2903	6F	Pesticide, liquid, toxic, flammable, n.o.s.*
2904	8L	Chlorophenolates, liquid
2904	8L	Phenolates, liquid
2905	8L	Chlorophenolates, solid
2905	8L	Phenolates, solid
2907	3L	Isosorbide dinitrate mixture
2908	7L	Radioactive material, excepted package — empty packaging
2909	7L	Radioactive material, excepted package — articles manufactured from natural uranium or depleted uranium or natural thorium
2910	7L	Radioactive material, excepted package — limited quantity of material
2911	7L	Radioactive material, excepted package — instruments or articles
2912	7L	Radioactive material, low specific activity (LSA-I)
2913	7L	Radioactive material, surface contaminated objects (SCO-I or SCO-II)
2915	7L	Radioactive material, Type A package
2916	7L	Radioactive material, Type B(U) package
2917	7L	Radioactive material, Type B(M) package
2919	7L	Radioactive material, transported under special arrangement
2920	8F	Corrosive liquid, flammable, n.o.s.*
2921	8S	Corrosive solid, flammable, n.o.s.*
2922	8P	Corrosive liquid, toxic, n.o.s.*
2923	8P	Corrosive solid, toxic, n.o.s.*
2924		Flammable liquid, corrosive, n.o.s.*
	3CH	Packing Group I or II
	3C	Packing Group III
2925	3C	Flammable solid, corrosive, organic, n.o.s.*
2926	3P	Flammable solid, toxic, organic, n.o.s.*
2927	6C	Toxic liquid, corrosive, organic, n.o.s.*
2928	6C	Toxic solid, corrosive, organic, n.o.s.*
2929	6F	Toxic liquid, flammable, organic, n.o.s.*
2930	6F	Toxic solid, flammable, organic, n.o.s.*
2931	6L	Vanadyl sulphate
2933	3L	Methyl 2-chloropropionate
2934	3L	Isopropyl 2-chloropropionate
2935	3L	Ethyl 2-chloropropionate
2936	6L	Thiolactic acid
2937	6L	alpha-Methylbenzyl alcohol, liquid
2940	4L	Cyclooctadiene phosphines
2940	4L	9-Phosphabicyclononanes
2941	6L	Fluoroanilines
2942	6L	2-Trifluoromethylaniline
2943	3L	Tetrahydrofurfurylamine
2945	3C	N-Methylbutylamine
2946	6L	2-Amino-5-diethylaminopentane
2947	3L	Isopropyl chloroacetate
2948	6L	3-Trifluoromethylaniline
2949	8L	Sodium hydrosulphide, hydrated
2950	4W	Magnesium granules, coated
2956	3E	5-tert-Butyl-2,4,6-trinitro-m-xylene
2956	3E	Musk xylene
2965	4FW	Boron trifluoride dimethyl etherate
2966	6L	Thioglycol
2967	8L	Sulphamic acid
2968	4W	Maneb preparation, stabilized
2968	4W	Maneb stabilized
2969	9L	Castor beans
2969	9L	Castor flake
2969	9L	Castor meal
2969	9L	Castor pomace
2977	7CP	Radioactive material, uranium hexafluoride, fissile
2978	7CP	Radioactive material, uranium hexafluoride
2983	3P	Ethylene oxide and propylene oxide mixture
2984	5L	Hydrogen peroxide, aqueous solution

UN No.	Drill Code	Proper shipping name
2985	3C	Chlorosilanes, flammable, corrosive, n.o.s.
2986	8F	Chlorosilanes, corrosive, flammable, n.o.s.
2987	8L	Chlorosilanes, corrosive, n.o.s.
2988	4FW	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.
2989	3L	Lead phosphite, dibasic
2990	9L	Life-saving appliances, self-inflating
2991	6F	Carbamate pesticide, liquid, toxic, flammable*
2992	6L	Carbamate pesticide, liquid, toxic*
2993	6F	Arsenical pesticide, liquid, toxic, flammable*
2994	6L	Arsenical pesticide, liquid, toxic*
2995	6F	Organochlorine pesticide, liquid, toxic, flammable*
2996	6L	Organochlorine pesticide, liquid, toxic*
2997	6F	Triazine pesticide, liquid, toxic, flammable*
2998	6L	Triazine pesticide, liquid, toxic*
3005	6F	Thiocarbamate pesticide, liquid, toxic, flammable*
3006	6L	Thiocarbamate pesticide, liquid, toxic*
3009	6F	Copper based pesticide, liquid, toxic, flammable*
3010	6L	Copper based pesticide, liquid, toxic*
3011	6F	Mercury based pesticide, liquid, toxic, flammable*
3012	6L	Mercury based pesticide, liquid, toxic*
3013	6F	Substituted nitrophenol pesticide, liquid, toxic, flammable*
3014	6L	Substituted nitrophenol pesticide, liquid, toxic*
3015	6F	Bipyridilium pesticide, liquid, toxic, flammable*
3016	6L	Bipyridilium pesticide, liquid, toxic*
3017	6F	Organophosphorus pesticide, liquid, toxic, flammable*
3018	6L	Organophosphorus pesticide, liquid, toxic*
3019	6F	Organotin pesticide, liquid, toxic, flammable*
3020	6L	Organotin pesticide, liquid, toxic*
3021	3P	Pesticide, liquid, flammable, toxic, n.o.s.*
3022	3H	1,2-Butylene oxide, stabilized
3023	6F	2-Methyl-2-heptanethiol
3024	3P	Coumarin derivative pesticide, liquid, flammable, toxic*
3025	6F	Coumarin derivative pesticide, liquid, toxic, flammable*
3026	6L	Coumarin derivative pesticide, liquid, toxic*
3027	6L	Coumarin derivative pesticide, solid, toxic*
3028	8L	Batteries, dry, containing potassium hydroxide solid
3048	6W	Aluminium phosphide pesticide
3054	3L	Cyclohexyl mercaptan
3055	8L	2-(2-Aminoethoxy)ethanol
3056	3L	n-Heptaldehyde
3057	2CP	Trifluoroacetyl chloride
3064	3L	Nitroglycerin solution in alcohol
3065	3L	Alcoholic beverages
3066	8L	Paint
3066	8L	Paint related material
3070	2L	Ethylene oxide and dichlorodifluoromethane mixture
3071	6F	Mercaptan mixture, liquid, toxic,
3071	6F	Mercaptans, liquid, toxic, flammable, n.o.s.*
3072	9L	Life-saving appliances, not self-inflating
3073	6CF	Vinylpyridines, stabilized
		substance, solid, n.o.s.*
3079	6F	Methacrylonitrile, stabilized
3080	6F	Isocyanate solution, toxic, flammable, n.o.s.*
3080	6F	Isocyanates, toxic, flammable, n.o.s.*
3082	9L	Environmentally hazardous substance, liquid, n.o.s.*
3083	2PX	Perchloryl fluoride
3084	8X	Corrosive solid, oxidizing, n.o.s.*
3085	5C	Oxidizing solid, corrosive, n.o.s.*
3086	6X	Toxic solid, oxidizing, n.o.s.*
3087	5P	Oxidizing solid, toxic, n.o.s.*
3088	4L	Self-heating solid, organic, n.o.s.*
3089	3L	Metal powder, flammable, n.o.s.
3090	12FZ	Lithium metal batteries
3091	12FZ	Lithium metal batteries contained in equipment
3091	12FZ	Lithium metal batteries packed with equipment
3092	3L	1-Methoxy-2-propanol
3093	8X	Corrosive liquid, oxidizing, n.o.s.*

UN No.	Drill Code	Proper shipping name
3094	8W	Corrosive liquid, water-reactive, n.o.s.*
3095	8S	Corrosive solid, self-heating, n.o.s.*
3096	8W	Corrosive solid, water-reactive, n.o.s.*
3097	3X	Flammable solid, oxidizing, n.o.s.*
3098	5C	Oxidizing liquid, corrosive, n.o.s.*
3099	5P	Oxidizing liquid, toxic, n.o.s.*
3100	5S	Oxidizing solid, self-heating, n.o.s.*
3103	5L	Organic peroxide type C, liquid*
3104	5L	Organic peroxide type C, solid*
3105	5L	Organic peroxide type D, liquid*
3106	5L	Organic peroxide type D, solid*
3107	5L	Organic peroxide type E, liquid*
3108	5L	Organic peroxide type E, solid*
3109	5L	Organic peroxide type F, liquid*
3110	5L	Organic peroxide type F, solid*
3113	5S	Organic peroxide type C, liquid, temperature controlled*
3114	5S	Organic peroxide type C, solid, temperature controlled*
3115	5S	Organic peroxide type D, liquid, temperature controlled*
3116	5S	Organic peroxide type D, solid, temperature controlled*
3117	5S	Organic peroxide type E, liquid, temperature controlled*
3118	5S	Organic peroxide type E, solid, temperature controlled*
3119	5S	Organic peroxide type F, liquid, temperature controlled*
3120	5S	Organic peroxide type F, solid, temperature controlled*
3121	5W	Oxidizing solid, water-reactive, n.o.s.*
3122	6X	Toxic liquid, oxidizing, n.o.s.*
3123	6W	Toxic liquid, water-reactive, n.o.s.*
3124	6S	Toxic solid, self-heating, n.o.s.*
3125	6W	Toxic solid, water-reactive, n.o.s.*
3126	4C	Self-heating solid, corrosive, organic, n.o.s.*
3127	4X	Self-heating solid, oxidizing, n.o.s.*
3128	4P	Self-heating solid, toxic, organic, n.o.s.*
3129	4CW	Water-reactive liquid, corrosive, n.o.s.*
3130	4PW	Water-reactive liquid, toxic, n.o.s.*
3131	4CW	Water-reactive solid, corrosive, n.o.s.*
3132	4FW	Water-reactive solid, flammable, n.o.s.*
3133	4WX	Water-reactive solid, oxidizing, n.o.s.*
3134	4PW	Water-reactive solid, toxic, n.o.s.*
3135	4SW	Water-reactive solid, self-heating, n.o.s.*
3136	2A	Trifluoromethane, refrigerated liquid
3137	5F	Oxidizing solid, flammable, n.o.s.*
3138	10L	Ethylene, acetylene and propylene mixture, refrigerated liquid
3139	5L	Oxidizing liquid, n.o.s.*
3140	6L	Alkaloid salts, liquid, n.o.s.*
3140	6L	Alkaloids, liquid, n.o.s.*
3141	6L	Antimony compound, inorganic, liquid, n.o.s.*
3142	6L	Disinfectant, liquid, toxic, n.o.s.*
3143	6L	Dye intermediate, solid, toxic, n.o.s.*
3143	6L	Dye, solid, toxic, n.o.s.*
3144	6L	Nicotine compound, liquid, n.o.s.*
3144	6L	Nicotine preparation, liquid, n.o.s.*
3145	8L	Alkylphenols, liquid, n.o.s.
3146	6L	Organotin compound, solid, n.o.s.*
3147	8L	Dye intermediate, solid, corrosive, n.o.s.*
3147	8L	Dye, solid, corrosive, n.o.s.*
3148	4W	Water-reactive liquid, n.o.s.*
3149	5C	Hydrogen peroxide and peroxyacetic acid mixture stabilized
3150	10L	Devices, small, hydrocarbon gas powered
3150	10L	Hydrocarbon gas refills for small devices
3151	9L	Halogenated monomethyldiphenylmethanes, liquid
3151	9L	Polyhalogenated biphenyls, liquid
3151	9L	Polyhalogenated terphenyls, liquid
3152	9L	Halogenated monomethyldiphenylmethanes, solid
3152	9L	Polyhalogenated biphenyls, solid
3152	9L	Polyhalogenated terphenyls, solid
3153	10L	Perfluoro (methyl vinyl ether)
3154	10L	Perfluoro (ethyl vinyl ether)
3155	6L	Pentachlorophenol
3156	2X	Compressed gas, oxidizing, n.o.s.*
3157	2X	Liquefied gas, oxidizing, n.o.s.*
3158	2L	Gas, refrigerated liquid, n.o.s.*
3159	2L	Refrigerant gas R 134a

UN No.	Drill Code	Proper shipping name
3159	2L	1,1,1,2-Tetrafluoroethane
3160	10P	Liquefied gas, toxic, flammable, n.o.s.*
3161	10L	Liquefied gas, flammable, n.o.s.*
3162	2P	Liquefied gas, toxic, n.o.s.*
3163	2L	Liquefied gas, n.o.s.*
3164	2L	Articles, pressurized, hydraulic
3164	2L	Articles, pressurized, pneumatic
3165	3CP	Aircraft hydraulic power unit fuel tank
3166	9L	Vehicle, flammable gas powered
3166	9L	Vehicle, flammable liquid powered
3166	9L	Vehicle, fuel cell, flammable gas powered
3166	9L	Vehicle, fuel cell, flammable liquid powered
3167	10L	Gas sample, non-pressurized, flammable, n.o.s.
3168	10P	Gas sample, non-pressurized, toxic, flammable, n.o.s.
3169	2P	Gas sample, non-pressurized, toxic, n.o.s.
3170	4W	Aluminium remelting by-products
3170	4W	Aluminium smelting by-products
3171	9L	Battery-powered equipment
3171	9L	Battery-powered vehicle
3172	6L	Toxins, extracted from living sources, liquid, n.o.s.*
3174	4L	Titanium disulphide
3175	3L	Solids containing flammable liquid, n.o.s.*
3176	3L	Flammable solid, organic, molten, n.o.s.*
3178	3L	Flammable solid, inorganic, n.o.s.*
3179	3P	Flammable solid, toxic, inorganic, n.o.s.*
3180	3C	Flammable solid, corrosive, inorganic, n.o.s.*
3181	3L	Metal salts of organic compounds, flammable, n.o.s.*
3182	3L	Metal hydrides, flammable, n.o.s.*
3183	4L	Self-heating liquid, organic, n.o.s.*
3184	4P	Self-heating liquid, toxic, organic, n.o.s.*
3185	4C	Self-heating liquid, corrosive, organic, n.o.s.*
3186	4L	Self-heating liquid, inorganic, n.o.s.*
3187	4P	Self-heating liquid, toxic, inorganic, n.o.s.*
3188	4C	Self-heating liquid, corrosive, inorganic, n.o.s.*
3189	4L	Metal powder, self-heating, n.o.s.*
3190	4L	Self-heating solid, inorganic, n.o.s.*
3191	4P	Self-heating solid, toxic, inorganic, n.o.s.*
3192	4C	Self-heating solid, corrosive, inorganic, n.o.s.*
3194	4W	Pyrophoric liquid, inorganic, n.o.s.*
3200	4L	Pyrophoric solid, inorganic, n.o.s.*
3205	4L	Alkaline earth metal alcoholates, n.o.s.*
3206	4C	Alkali metal alcoholates, self-heating, corrosive, n.o.s.*
3208	4W	Metallic substance, water-reactive, n.o.s.*
3209	4SW	Metallic substance, water-reactive, self-heating, n.o.s.*
3210	5L	Chlorates, inorganic, aqueous solution, n.o.s.*
3211	5L	Perchlorates, inorganic, aqueous solution, n.o.s.
3212	5L	Hypochlorites, inorganic, n.o.s.*
3213	5L	Bromates, inorganic, aqueous solution, n.o.s.*
3214	5L	Permanganates, inorganic, aqueous solution, n.o.s.*
3215	5L	Persulphates, inorganic, n.o.s.
3216	5L	Persulphates, inorganic, aqueous solution, n.o.s.
3218	5L	Nitrates, inorganic, aqueous solution, n.o.s.
3219	5L	Nitrites, inorganic, aqueous solution, n.o.s.*
3220	2L	Pentafluoroethane
3220	2L	Refrigerant gas R 125
3221	3E	Self-reactive liquid type B*
3223	3L	Self-reactive liquid type C*
3224	3L	Self-reactive solid type C*
3225	3L	Self-reactive liquid type D*
3226	3L	Self-reactive solid type D*
3227	3L	Self-reactive liquid type E*
3228	3L	Self-reactive solid type E*
3229	3L	Self-reactive liquid type F*
3230	3L	Self-reactive solid type F*
3231	3E	Self-reactive liquid type B, temperature controlled*
3233	3S	Self-reactive liquid type C, temperature controlled*
3234	3S	Self-reactive solid type C, temperature controlled*
3235	3S	Self-reactive liquid type D, temperature controlled*

UN No.	Drill Code	Proper shipping name
3236	3S	Self-reactive solid type D, temperature controlled*
3237	3S	Self-reactive liquid type E, temperature controlled*
3238	3S	Self-reactive solid type E, temperature controlled*
3239	3S	Self-reactive liquid type F, temperature controlled*
3240	3S	Self-reactive solid type F, temperature controlled*
3241	3L	2-Bromo-2-nitropropane-1,3-diol
3242	3L	Azodicarbonamide
3243	6L	Solids containing toxic liquid, n.o.s.*
3244	8L	Solids containing corrosive liquid, n.o.s.*
3245	9L	Genetically modified micro-organisms
3245	9L	Genetically modified organisms
3246	6C	Methanesulphonyl chloride
3247	5L	Sodium peroxoborate, anhydrous
3248	3P	Medicine, liquid, flammable, toxic, n.o.s.
3249	6L	Medicine, solid, toxic, n.o.s.
3250	6C	Chloroacetic acid, molten
3251	3L	Isosorbide-5-mononitrate
3252	10L	Difluoromethane
3252	10L	Refrigerant gas R 32
3253	8L	Disodium trioxosilicate
3254	4L	Tributylphosphane
3255	4C	tert-Butyl hypochlorite
3256	3L	Elevated temperature liquid, flammable, n.o.s.*
3257	9L	Elevated temperature liquid, n.o.s.*
3258	9L	Elevated temperature solid, n.o.s.*
3259	8L	Amines, solid, corrosive, n.o.s.*
3259	8L	Polyamines, solid, corrosive, n.o.s.*
3260	8L	Corrosive solid, acidic, inorganic, n.o.s.*
3261	8L	Corrosive solid, acidic, organic, n.o.s.*
3262	8L	Corrosive solid, basic, inorganic, n.o.s.*
3263	8L	Corrosive solid, basic, organic, n.o.s.*
3264	8L	Corrosive liquid, acidic, inorganic, n.o.s.*
3265	8L	Corrosive liquid, acidic, organic, n.o.s.*
3266	8L	Corrosive liquid, basic, inorganic, n.o.s.*
3267	8L	Corrosive liquid, basic, organic, n.o.s.*
3268	9L	Safety devices
3269	3L	Polyester resin kit
3270	3L	Nitrocellulose membrane filters
3271	3L	Ethers, n.o.s.*
3272	3L	Esters, n.o.s.*
3273	3HP	Nitriles, flammable, toxic, n.o.s.*
3274	3C	Alcoholates solution, n.o.s.*
3275	6F	Nitriles, toxic, flammable, n.o.s.*
3276	6L	Nitriles, liquid, toxic, n.o.s.*
3277	6C	Chloroformates, toxic, corrosive, n.o.s.*
3278	6L	Organophosphorus compound, liquid, toxic, n.o.s.*
3279	6F	Organophosphorus compound, toxic, flammable, n.o.s.*
3280	6L	Organoarsenic compound, liquid, n.o.s.*
3281	6L	Metal carbonyls, liquid, n.o.s.*
3282	6L	Organometallic compound, liquid, toxic, n.o.s.*
3283	6L	Selenium compound, solid, n.o.s.*
3284	6L	Tellurium compound, n.o.s.*
3285	6L	Vanadium compound, n.o.s.*
3286	3CP	Flammable liquid, toxic, corrosive, n.o.s.*
3287	6L	Toxic liquid, inorganic, n.o.s.*
3288	6L	Toxic solid, inorganic, n.o.s.*
3289	6C	Toxic liquid, corrosive, inorganic, n.o.s.*
3290	6C	Toxic solid, corrosive, inorganic, n.o.s.*
3291	11L	Biomedical waste, n.o.s.
3291	11L	Clinical waste, unspecified, n.o.s.
3291	11L	Medical waste, n.o.s.
3291	11L	Regulated medical waste, n.o.s.
3292	4W	Batteries, containing sodium
3292	4W	Cells, containing sodium
3293	6L	Hydrazine, aqueous solution
3294	6F	Hydrogen cyanide, solution in alcohol
3295		Hydrocarbons, liquid, n.o.s.
	3H	Packing Group I or II
	3L	Packing Group III
3296	2L	Heptafluoropropane
3296	2L	Refrigerant gas R 227
3297	2L	Ethylene oxide and chlorotetrafluoroethane mixture
3298	2L	Ethylene oxide and pentafluoroethane mixture

UN No.	Drill Code	Proper shipping name
3299	2L	Ethylene oxide and tetrafluoroethane mixture
3300	10P	Ethylene oxide and carbon dioxide mixture
3301	8L	Corrosive liquid, self-heating, n.o.s.*
3302	6L	2-Dimethylaminoethyl acrylate, stabilized
3303	2X	Compressed gas, toxic, oxidizing, n.o.s.*
3304	2CP	Compressed gas, toxic, corrosive, n.o.s.*
3305	10C	Compressed gas, toxic, flammable, corrosive, n.o.s.*
3306	2CX	Compressed gas, toxic, oxidizing, corrosive, n.o.s.*
3307	2X	Liquefied gas, toxic, oxidizing, n.o.s.*
3308	2CP	Liquefied gas, toxic, corrosive, n.o.s.*
3309	10C	Liquefied gas, toxic, flammable, corrosive, n.o.s.*
3310	2CX	Liquefied gas, toxic, oxidizing, corrosive, n.o.s.*
3311	2X	Gas, refrigerated liquid, oxidizing, n.o.s.*
3312	10L	Gas, refrigerated liquid, flammable, n.o.s.*
3313	4L	Organic pigments, self-heating
3314	9L	Plastics moulding compound
3315	6L	Chemical sample, toxic
3316	9L	Chemical kit
3316	9L	First aid kit
3317	3E	2-Amino-4,6-dinitrophenol, wetted
3318	2CP	Ammonia solution
3319	3L	Nitroglycerin mixture, desensitized, solid, n.o.s.*
3320	8L	Sodium borohydride and sodium hydroxide solution
3321	7L	Radioactive material, low specific activity (LSA-II)
3322	7L	Radioactive material, low specific activity (LSA-III)
3323	7L	Radioactive material, Type C package
3324	7L	Radioactive material, low specific activity (LSA-II), fissile
3325	7L	Radioactive material, low specific activity (LSA-III), fissile
3326	7L	Radioactive material, surface contaminated objects (SCO-I or SCO-II), fissile
3327	7L	Radioactive material, Type A package, fissile
3328	7L	Radioactive material, Type B(U) package, fissile
3329	7L	Radioactive material, Type B(M) package, fissile
3330	7L	Radioactive material, Type C package, fissile
3331	7L	Radioactive material, transported under special arrangement, fissile
3332	7L	Radioactive material, Type A package, special form
3333	7L	Radioactive material, Type A package, special form, fissile
3334	9A	Aviation regulated liquid, n.o.s.*
3335	9A	Aviation regulated solid, n.o.s.*
3336		Mercaptan mixture, liquid, flammable, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
3336		Mercaptans, liquid, flammable, n.o.s.*
	3H	Packing Group I or II
	3L	Packing Group III
3337	2L	Refrigerant gas R 404A
3338	2L	Refrigerant gas R 407A
3339	2L	Refrigerant gas R 407B
3340	2L	Refrigerant gas R 407C
3341	4L	Thiourea dioxide
3342	4L	Xanthates
3343	3E	Nitroglycerin mixture, desensitized, liquid flammable, n.o.s.*
3344	3E	Pentaerythrite tetranitrate mixture desensitized, solid, n.o.s.*
3344	3E	Pentaerythritol tetranitrate mixture desensitized, solid, n.o.s.*
3344	3E	PETN mixture desensitized, solid, n.o.s.*
3345	6L	Phenoxyacetic acid derivative pesticide, solid, toxic*
3346	3P	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic*
3347	6F	Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable*
3348	6L	Phenoxyacetic acid derivative pesticide, liquid, toxic*
3349	6L	Pyrethroid pesticide, solid, toxic*
3350	3P	Pyrethroid pesticide, liquid flammable, toxic*
3351	6F	Pyrethroid pesticide, liquid, toxic, flammable*
3352	6L	Pyrethroid pesticide, liquid, toxic*
3354	10L	Insecticide gas, flammable, n.o.s.*

UN No.	Drill Code	Proper shipping name
3355	10P	Insecticide gas, toxic, flammable, n.o.s.*
3356	5L	Oxygen generator, chemical
3357	3L	Nitroglycerin mixture, desensitized, liquid, n.o.s.*
3358	10L	Refrigerating machines
3359	9L	Fumigated cargo transport unit
3360	3L	Fibres, vegetable, dry
3361	6C	Chlorosilanes, toxic, corrosive, n.o.s. *
3362	6CF	Chlorosilanes, toxic, corrosive, flammable, n.o.s.*
3363	9L	Dangerous goods in apparatus
3363	9L	Dangerous goods in articles
3363	9L	Dangerous goods in machinery
3364	3E	Picric acid, wetted
3364	3E	Trinitrophenol, wetted
3365	3E	Picryl chloride, wetted
3365	3E	Trinitrochlorobenzene, wetted
3366	3E	TNT, wetted
3366	3E	Trinitrotoluene, wetted
3367	3E	Trinitrobenzene, wetted
3368	3E	Trinitrobenzoic acid, wetted
3369	3E	Sodium dinitro-o-cresolate, wetted
3370	3E	Urea nitrate, wetted
3371	3L	2-Methylbutanal
3373	11L	Biological substance, Category B
3374	10L	Acetylene, solvent free
3375	5L	Ammonium nitrate emulsion
3375	5L	Ammonium nitrate gel
3375	5L	Ammonium nitrate suspension
3376	3E	4-Nitrophenylhydrazine
3377	5L	Sodium perborate monohydrate
3378	5L	Sodium carbonate peroxyhydrate
3379	3E	Desensitized explosive, liquid, n.o.s.*
3380	3E	Desensitized explosive, solid, n.o.s.*
3381	6L	Toxic by inhalation liquid, n.o.s.*
3382	6L	Toxic by inhalation liquid, n.o.s.*
3383	6F	Toxic by inhalation liquid, flammable, n.o.s.*
3384	6F	Toxic by inhalation liquid, flammable, n.o.s.*
3385	6W	Toxic by inhalation liquid, water-reactive, n.o.s.*
3386	6W	Toxic by inhalation liquid, water-reactive, n.o.s.*
3387	6X	Toxic by inhalation liquid, oxidizing, n.o.s.*
3388	6X	Toxic by inhalation liquid, oxidizing, n.o.s.*
3389	6C	Toxic by inhalation liquid, corrosive, n.o.s.*
3390	6C	Toxic by inhalation liquid, corrosive, n.o.s.*
3391	4L	Organometallic substance, solid, pyrophoric*
3392	4L	Organometallic substance, liquid, pyrophoric*
3393	4W	Organometallic substance, solid, pyrophoric, water reactive*
3394	4W	Organometallic substance, liquid, pyrophoric, water reactive*
3395	4W	Organometallic substance, solid, water reactive*
3396	4W	Organometallic substance, solid, water reactive, flammable*
3397	4W	Organometallic substance, solid, water reactive, self-heating*
3398	4W	Organometallic substance, liquid, water reactive*
3399	4FW	Organometallic substance, liquid, water reactive, flammable*
3400	4L	Organometallic substance, solid, self-heating*
3401	4W	Alkali metal amalgam, solid
3402	4W	Alkaline earth metal amalgam, solid
3403	4W	Potassium metal alloys, solid
3404	4W	Potassium sodium alloys, solid
3405	5P	Barium chlorate solution
3406	5P	Barium perchlorate solution
3407	5L	Chlorate and magnesium chloride mixture solution
3408	5P	Lead perchlorate solution
3409	6L	Chloronitrobenzenes, liquid
3410	6L	4-Chloro-o-toluidine hydrochloride solution
3411	6L	beta-Naphthylamine solution
3412	8L	Formic acid
3413	6L	Potassium cyanide solution
3414	6L	Sodium cyanide solution
3415	6L	Sodium fluoride solution
3416	6i	Chloroacetophenone, liquid
3417	6L	Xylyl bromide, solid
3418	6L	2,4-Toluylenediamine solution
3419	8L	Boron trifluoride acetic acid complex, solid
3420	8L	Boron trifluoride propionic acid complex, solid
3421	8P	Potassium hydrogendifluoride solution
3422	6L	Potassium fluoride solution

UN No.	Drill Code	Proper shipping name
3423	8L	Tetramethylammonium hydroxide, solid
3424	6L	Ammonium dinitro-o-cresolate solution
3425	8L	Bromoacetic acid, solid
3426	6L	Acrylamide solution
3427	6L	Chlorobenzyl chlorides, solid
3428	6L	3-Chloro-4-methylphenyl isocyanate, solid
3429	6L	Chlorotoluidines, liquid
3430	6L	Xylenols, liquid
3431	6L	Nitrobenzotrifluorides, solid
3432	9L	Polychlorinated biphenyls, solid
3434	6L	Nitrocresols, liquid
3436	6L	Hexafluoroacetone hydrate, solid
3437	6L	Chlorocresols, solid
3438	6L	alpha-Methylbenzyl alcohol, solid
3439	6L	Nitriles, solid, toxic, n.o.s.*
3440	6L	Selenium compound, liquid, n.o.s.*
3441	6L	Chlorodinitrobenzenes, solid
3442	6L	Dichloroanilines, solid
3443	6L	Dinitrobenzenes, solid
3444	6L	Nicotine hydrochloride, solid
3445	6L	Nicotine sulphate, solid
3446	6L	Nitrotoluenes, solid
3447	6L	Nitroxylenes, solid
3448	6L	Tear gas substance, solid, n.o.s.*
3449	6L	Bromobenzyl cyanides, solid
3450	6L	Diphenylchloroarsine, solid
3451	6L	Toluidines, solid
3452	6L	Xylidines, solid
3453	8L	Phosphoric acid, solid
3454	6L	Dinitrotoluenes, solid
3455	6C	Cresols, solid
3456	8L	Nitrosylsulphuric acid, solid
3457	6L	Chloronitrotoluenes, solid
3458	6L	Nitroanisoles, solid
3459	6L	Nitrobromobenzene, solid
3460	6L	N-Ethylbenzyltoluidines, solid
3462	6L	Toxins, extracted from living sources, solid, n.o.s.*
3463	8F	Propionic acid
3464	6L	Organophosphorus compound, solid, toxic, n.o.s.*
3465	6L	Organoarsenic compound, solid, n.o.s.*
3466	6L	Metal carbonyls, solid, n.o.s.*
3467	6L	Organometallic compound, solid, toxic, n.o.s.*
3468	10L	Hydrogen in a metal hydride storage system
3468	10L	Hydrogen in a metal hydride storage system contained in equipment
3468	10L	Hydrogen in a metal hydride storage system packed with equipment
3469		Paint, flammable, corrosive
	3CH	Packing Group I or II
	3CL	Packing Group III
3469		Paint related material, flammable, corrosive
	3CH	Packing Group I or II
	3CL	Packing Group III
3470	8F	Paint, corrosive, flammable
3470	8F	Paint related material corrosive, flammable
3471	8L	Hydrogendifluorides, solution, n.o.s.
3472	8L	Crotonic acid, liquid
3473	3L	Fuel cell cartridges
3473	3L	Fuel cell cartridges contained in equipment
3473	3L	Fuel cell cartridges packed with equipment
3474	3E	1-Hydroxybenzotriazole monohydrate
3475	3L	Ethanol and gasoline mixture
3475	3L	Ethanol and motor spirit mixture
3475	3L	Ethanol and petrol mixture
3476	4W	Fuel cell cartridges
3476	4W	Fuel cell cartridges contained in equipment
3476	4W	Fuel cell cartridges packed with equipment
3477	8L	Fuel cell cartridges
3477	8L	Fuel cell cartridges contained in equipment
3477	8L	Fuel cell cartridges packed with equipment
3478	10L	Fuel cell cartridges
3478	10L	Fuel cell cartridges contained in equipment
3478	10L	Fuel cell cartridges packed with equipment
3479	10L	Fuel cell cartridges
3479	10L	Fuel cell cartridges contained in equipment
3479	10L	Fuel cell cartridges packed with equipment
3480	12FZ	Lithium ion batteries
3481	12FZ	Lithium ion batteries contained in equipment

UN No.	Drill Code	Proper shipping name
3481	12FZ	Lithium ion batteries packed with equipment
3482	4W	Alkali metal dispersion, flammable
3482	4W	Alkaline earth metal dispersion, flammable
3483	6F	Motor fuel anti-knock mixture, flammable
3484	8FP	Hydrazine aqueous solution, flammable
3485	5C	Calcium hypochlorite, dry, corrosive
3485	5C	Calcium hypochlorite mixture, dry, corrosive
3486	5C	Calcium hypochlorite mixture, dry, corrosive
3487	5C	Calcium hypochlorite, hydrated, corrosive
3487	5C	Calcium hypochlorite, hydrated mixture, corrosive
3488	6CF	Toxic by inhalation liquid, flammable, corrosive, n.o.s.*
3489	6CF	Toxic by inhalation liquid, flammable, corrosive, n.o.s.*
3490	6FW	Toxic by inhalation liquid, water-reactive, flammable, n.o.s.*
3491	6FW	Toxic by inhalation liquid, water-reactive, flammable, n.o.s.*
3494	3P	Petroleum sour crude oil, flammable, toxic
3495	8P	Iodine
3496	9L	Batteries, nickel-metal hydride
3497	4L	Krill meal
3498	8L	Iodine monochloride, liquid
3499	9L	Capacitor, electric double layer
3500	2L	Chemical under pressure, n.o.s.*
3501	10L	Chemical under pressure, flammable, n.o.s.*
3502	2P	Chemical under pressure, toxic, n.o.s.*
3503	2C	Chemical under pressure, corrosive, n.o.s.*
3504	10P	Chemical under pressure, flammable, toxic, n.o.s.*
3505	10C	Chemical under pressure, flammable, corrosive, n.o.s.*
3506	8L	Mercury contained in manufactured articles
3507	6C	Uranium hexafluoride, radioactive material, excepted package
3508	9L	Capacitor, asymmetric
3509	9L	Packagings, discarded, empty, uncleaned
3510	10L	Adsorbed gas, flammable, n.o.s.*
3511	2L	Adsorbed gas, n.o.s.*
3512	2P	Adsorbed gas, toxic, n.o.s.*
3513	2X	Adsorbed gas, oxidizing, n.o.s.*
3514	10P	Adsorbed gas, toxic, flammable, n.o.s.*
3515	2PX	Adsorbed gas, toxic, oxidizing, n.o.s.*
3516	2CP	Adsorbed gas, toxic, corrosive, n.o.s.*
3517	10C	Adsorbed gas, toxic, flammable, corrosive, n.o.s.*
3518	2PX	Adsorbed gas, toxic, oxidizing, corrosive, n.o.s.*
3519	2CP	Boron trifluoride, adsorbed
3520	2PX	Chlorine, adsorbed
3521	2CP	Silicon tetrafluoride, adsorbed
3522	10P	Arsine, adsorbed
3523	10P	Germane, adsorbed
3524	2CP	Phosphorus pentafluoride, adsorbed
3525	10P	Phosphine, adsorbed
3526	10P	Hydrogen selenide, adsorbed
3527	3S	Polyester resin kit
3528	3L	Engine, fuel cell, flammable liquid powered
3528	3L	Engine, internal combustion, flammable liquid powered
3528	3L	Machinery, fuel cell, flammable liquid powered
3528	3L	Machinery, internal combustion, flammable liquid powered
3529	10L	Engine, fuel cell, flammable gas powered
3529	10L	Engine, internal combustion, flammable gas powered
3529	10L	Machinery, fuel cell, flammable gas powered
3529	10L	Machinery, internal combustion, flammable gas powered
3530	9L	Engine, internal combustion
3530	9L	Machinery, internal combustion
3531	3L	Polymerizing substance, solid, stabilized, n.o.s.*
3532	3L	Polymerizing substance, liquid, stabilized, n.o.s.*
3533	3L	Polymerizing substance, solid, temperature controlled, n.o.s.*
3534	3L	Polymerizing substance, liquid, temperature controlled, n.o.s.*
3535	6F	Toxic solid, flammable, inorganic, n.o.s.*
3536	12FZ	Lithium batteries installed in cargo transport unit
3537	10L	Articles containing flammable gas, n.o.s.*

UN No.	*Drill Code*	*Proper shipping name*
3538	2L	Articles containing non-flammable, non toxic gas, n.o.s.*
3539	2P	Articles containing toxic gas, n.o.s.*
3540	3L	Articles containing flammable liquid, n.o.s.*
3541	3L	Articles containing flammable solid, n.o.s.*
3542	4L	Articles containing a substance liable to spontaneous combustion, n.o.s.*
3543	4W	Articles containing a substance which emits flammable gas in contact with water, n.o.s.*
3544	5L	Articles containing oxidizing substance, n.o.s.*
3545	5L	Articles containing organic peroxide, n.o.s.*
3546	6L	Articles containing toxic substance, n.o.s.*
3547	8L	Articles containing corrosive substance, n.o.s.*
3548	9L	Articles containing miscellaneous dangerous goods, n.o.s.*
3549	11Y	Medical waste, Category A, affecting animals
3549	11Y	Medical waste, Category A, affecting humans
8000	9L	Consumer commodity

— END —

Table 4-1. Aircraft Emergency Response Drills

1. COMPLETE APPROPRIATE AIRCRAFT EMERGENCY PROCEDURES.
2. CONSIDER LANDING AS SOON AS PRACTICABLE.
3. USE DRILL FROM THE CHART BELOW.

DRILL NO.	INHERENT HAZARD	HAZARD TO AIRCRAFT	HAZARD TO OCCUPANTS	SPILL OR LEAK PROCEDURE	FIREFIGHTING PROCEDURE	ADDITIONAL CONSIDERATIONS
1	Explosion may cause structural failure	Fire and/or explosion	As indicated by the drill letter(s)	Use 100% oxygen; no smoking	All agents according to availability; use standard fire procedure	Possible abrupt loss of pressurization
2	Gas, non-flammable, pressure may create hazard in fire	Minimal	As indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation for “A”, “i” or “P” drill letter	All agents according to availability; use standard fire procedure	Possible abrupt loss of pressurization
3	Flammable liquid or solid	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability; no water on “W” drill letter	Possible abrupt loss of pressurization
4	Spontaneously combustible or pyrophoric when exposed to air	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter(s)	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability; no water on “W” drill letter	Possible abrupt loss of pressurization; minimum electrics if “F” or “H” drill letter
5	Oxidizer, may ignite other materials, may explode in heat of a fire	Fire and/or explosion, possible corrosion damage	Eye, nose and throat irritation; skin damage on contact	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability; no water on “W” drill letter	Possible abrupt loss of pressurization
6	Toxic*, may be fatal if inhaled, ingested, or absorbed by skin	Contamination with toxic* liquid or solid	Acute toxicity, effects may be delayed	Use 100% oxygen; establish and maintain maximum ventilation; do not touch without gloves	All agents according to availability; no water on “W” drill letter	Possible abrupt loss of pressurization; minimum electrics if “F” or “H” drill letter
7	Radiation from broken/unshielded packages	Contamination with spilled radioactive material	Exposure to radiation, and personnel contamination	Do not move packages; avoid contact	All agents according to availability	Call for a qualified person to meet the aircraft
8	Corrosive, fumes disabling if inhaled or in contact with skin	Possible corrosion damage	Eye, nose and throat irritation; skin damage on contact	Use 100% oxygen; establish and maintain maximum ventilation; do not touch without gloves	All agents according to availability; no water on “W” drill letter	Possible abrupt loss of pressurization; minimum electrics if “F” or “H” drill letter
9	No general inherent hazard	As indicated by the drill letter	As indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation if “A” drill letter	All agents according to availability	None
10	Gas, flammable, high fire risk if any ignition source present	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability	Possible abrupt loss of pressurization
11	Infectious substances may affect humans or animals if inhaled, ingested or absorbed through the mucous membrane or an open wound	Contamination with Infectious substances	Delayed infection to humans or animals	Do not touch. Minimum re-circulation and ventilation in affected area	All agents according to availability. No water on “Y” drill letter	Call for a qualified person to meet the aircraft
12	Fire, heat, smoke, toxic and flammable vapour	Fire and/or explosion	Smoke, fumes, heat	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability. Use water if available	Possible abrupt loss of pressurization; consider landing immediately

DRILL LETTER	ADDITIONAL HAZARD	DRILL LETTER	ADDITIONAL HAZARD
A	ANAESTHETIC	S	SPONTANEOUSLY COMBUSTIBLE OR PYROPHORIC
C	CORROSIVE	W	IF WET GIVES OFF TOXIC* OR FLAMMABLE GAS
E	EXPLOSIVE	X	OXIDIZER
F	FLAMMABLE	Y	DEPENDING ON THE TYPE OF INFECTIOUS SUBSTANCE, THE APPROPRIATE NATIONAL AUTHORITY MAY BE REQUIRED TO QUARANTINE INDIVIDUALS, ANIMALS, CARGO AND THE AIRCRAFT
H	HIGHLY IGNITABLE		
i	IRRITANT / TEAR PRODUCING		
L	OTHER HAZARD LOW OR NONE	Z	AIRCRAFT CARGO FIRE SUPPRESSION SYSTEM MAY NOT EXTINGUISH OR CONTAIN THE FIRE; CONSIDER LANDING IMMEDIATELY
M	MAGNETIC		
N	NOXIOUS		
P	TOXIC* (POISON)		

* Toxic has the same meaning as poison.

ISBN 978-92-9258-956-1