



FedEx Ground Package Systems Inc. is committed to the safe transportation of hazardous materials. It is very important that each person engaged in the transportation of hazardous materials has the proper training and is thoroughly familiar with the Title 49CFR (Code of Federal Regulations) and/or USPS Publication 52. This guide is intended only to assist you in your preparation of hazardous materials shipped via FedEx Ground Package Systems Inc. It is the shipper's responsibility to ensure each hazardous material package is in compliance with applicable Department of Transportation (D.O.T.) regulations and FedEx Ground Package Systems Inc. requirements. Failure to comply with these regulations and requirements may subject the shipper and carrier to fines and penalties. Improperly prepared hazmat packages or documentation may be subject to an additional charge(s) due to the unexpected handling associated with these shipments.

Due to the changing nature of D.O.T. regulations and other information, it is impossible to guarantee absolute accuracy of the material contained in this guide. FedEx Ground Package Systems Inc., therefore, cannot assume any responsibility for omissions, errors, misprinting, or ambiguity contained within this guide and shall not be held liable in any degree for any loss or injury caused by such omission or error presented in this publication. Shippers should consult the most current version of the hazardous material regulations. **Training is mandatory for those shipping hazardous materials**, including limited quantity and other exceptions. The www.shipsafeshipsmart.com battery and hazmat training programs offer shippers an economical source of basic ground battery and/or hazardous materials shipping as well as addressing FedEx Ground specific issues.

The *FedEx Ground Hazardous Materials Shipping Guide* is intended to simplify Title 49 CFR. FedEx Ground Package Systems Inc. reserves the right to be more restrictive than the federal regulations (49 CFR). Customers should be thoroughly familiar with the applicable sections of this guide when shipping hazardous materials via FedEx Ground Package Systems Inc. This guide reflects current dockets under final rule published on or before **January 2021**.

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FedEx Ground Prohibited Hazardous Materials:

CLASS	NAME	LABEL CODE / LABEL
1.1	Explosives	1.1 / Explosive 1.1
1.2	Explosives	1.2 / Explosive 1.2
1.3	Explosives	1.3 / Explosive 1.3
1.5	Explosives	1.5 / Explosive 1.5
2.3	Poisonous Gas	2.3 / Poisonous Gas
4.2	Spontaneously Combustible Material	4.2 / Spontaneously Combustible
4.3 *	Dangerous When Wet	4.3 / Dangerous When Wet
6.1	Poisonous Materials (PG I & II, Inhalation Hazards)	6.1 / Poison
6.1 *	Poisonous Materials (PG I & II, Non-Inhalation Hazards)	6.1 / Poison
6.1 *	Poisonous Materials (PG III)	6.1 / PG III Poison
6.2**	Infectious Substance	6.2 / Infectious Substance
7	Radioactive Material II and III	7 / Radioactive Yellow II & III

*FedEx Ground will handle these materials only when packaged according to a DOT Special Permit packaging, or when packaged in accordance with DOT exception 49 CFR 173.13. FedEx Ground does not accept packages with the poison diamond label (skull and crossbones) or Dangerous When Wet affixed.

**FedEx Ground does not accept any biological material (see the FedEx Ground Tariff for details). These shipments must be shipped via FedEx Express service.

Important: Hazardous materials, including Limited Quantity, via FedEx Ground service are acceptable within the contiguous United States.
Hazardous materials, including Limited Quantity materials **cannot** be shipped to/from/within Alaska or Hawaii via the FedEx Ground service.
These packages must be moved to these destinations via FedEx Express service as dangerous goods.

FedEx Ground Acceptable Hazardous Materials:

CLASS	NAME	LABEL CODE / LABEL
1.4*	Explosives	1.4 / Explosive 1.4
1.6	Extremely Insensitive	1.6 / Explosive 1.6
2.1	Flammable Gas	2.1 / Flammable Gas
2.2	Non-Flammable Gas	2.2 / Non-Flammable Gas
3	Flammable Liquid	3 / Flammable Liquid
4.1	Flammable Solid	4.1 / Flammable Solid
5.1	Oxidizer	5.1 / Oxidizer
5.2	Organic Peroxide	5.2 / Organic Peroxide
7	Radioactive Material I	7 / Radioactive White I
8	Corrosive Material	8 / Corrosive
9	Miscellaneous Hazardous Materials	9 / Class 9
	Lithium Batteries	9 / Lithium Battery Label

*Except fireworks

Training

Hazardous material training is required for all employees who perform a hazardous material function. It is the duty of each hazmat employer to comply with the training requirements listed in 49 CFR 172.704.

FedEx Ground offers battery and hazardous materials training via the online ShipSafeShipSmart.com Hazardous Materials Training Program.

The 49 CFR hazmat training curriculum includes the following:

- Rules and Regulations (Ground Shipping only)
- Hazard Classes and Divisions
- Shipping Papers
- Packaging (Non-Bulk Only)
- Marking and Labeling
- Limited Quantity Classification
- Security Awareness

The battery training includes the following:

- Hazardous Materials General Awareness
- Lithium Battery Basics
- Shipping Excepted Lithium Batteries
- Shipping Fully Regulated Lithium Batteries
- Spillable and Nonspillable Battery Shipments
- Security Awareness and Emergency Response

The courses are available at www.shipsafeshipsmart.com and is payable by credit card only. The cost for the class is \$150.00.

A discount is available for multiple seat purchased at one time.

- 3-7 seats \$50 discount per seat
- 8-24 seats \$75 discount per seats
- 25 or more seats \$100 discount per seat

NOTE: These discounts only apply to a single purchase only.

Qualification Process

In order to ship fully regulated hazardous materials via FedEx Ground, shippers must complete a qualification process before they can ship hazardous materials. To begin this process, contact your FedEx Account Executive who can assist you or call FedEx Customer Service at **1.800.GoFedEx (1.800.463.3339)**.

Qualification process:

- Review the Hazardous Materials Qualification Form (OP-910).
- Agree to the terms of the Hazardous Materials Qualification Form (OP-910).
- Provide proof that you have been trained in shipping hazardous materials in accordance with federal requirements (49 CFR 172.704).

Acceptable forms of proof of completion are:

A certificate from a training company stating that you have completed its program. This certificate must contain the date in which the course was completed.

or

A letter on company letterhead indicating who is responsible for hazardous materials training at your company and confirming that your employees have received the required training.

or

Completing the ShipSafeShipSmart online hazardous materials training program and providing the proof of completion.

Resources

Information such as the Fedex Ground Chemical Table, service restrictions and automaiton instruction on shipping hazardous materials with Fedex Ground can be found in the guide as well as at <https://www.fedex.com/en-us/service-guide/hazardous-materials.html>

The Hazardous Materials Helpline is 1.800.GoFedEx (1.800.463.3339) then say “hazardous materials” or enter 81.

Hours are 7 am until 7 pm Central Monday through Friday

10 am until 2 pm Central on Saturdays

The Pipeline and Hazardous materials Safety Administration offer an information line at 800-467-4922

FedEx Ground Conditions and Requirements:

General

All packages containing hazardous materials must be properly classified, described, packaged, marked, labeled and in proper condition for transportation according to applicable DOT regulations and FedEx Ground requirements. FedEx Ground does not accept hazardous material packages prepared under the IATA/ICAO (International Air Transport Association/International Civil Aviation Organization) regulations.

All packages offered and prepared under a DOT Special Permit (DOT-SP) must provide a copy of the Special Permit paperwork to the accepting facility (origin station).

All shippers must be prepared to provide the most current copy of the Safety Data Sheet (SDS) for their materials when requested by FedEx Ground. The emergency response number listed on the shipping papers should also have a current copy of the SDS available (including non-business hours) while the package is in transport.

Service

- Shippers must be properly qualified through a FedEx Account Executive before offering fully regulated hazardous material packages via FedEx Ground. Please contact FedEx Ground Customer Service at 1-800-GO-FEDEX (1-800-463-3339) for more information.
- Hazardous materials, including Limited Quantity and most lithium battery shipments, via FedEx Ground service are acceptable within the contiguous United States.
- Hazardous materials, including Limited Quantity materials, **cannot** be shipped to Alaska or Hawaii.
- Limited Quantity only, can be shipped into/within Canada. However, Cartridges, small arms or Cartridges, power devices cannot be shipped to Canada from the US.
- Call Tag service is not available for fully regulated hazardous materials; Limited Quantity can utilize call tags.
- Guaranteed service may not apply to packages not properly prepared in accordance with DOT regulations and FedEx Ground requirements.
- Hazardous material shipments, including shipments containing Limited Quantity materials, dry ice and lithium batteries over 100 watt hours, **are not accepted** at FedEx Express Drop Box locations, FedEx Office Print and Ship Center locations, FedEx World Service Center locations, FedEx Express station or ramp locations, FedEx Authorized ShipCenter locations, and unstaffed FedEx locations.

Material Restrictions

Refer to column 9 of the FedEx Ground Hazardous Materials Table for additional restrictions and requirements for specific hazardous materials.

FedEx Ground does not accept:

- Reportable quantities (RQ)
- Hazardous Waste
- Any material that is an “Inhalation Hazard”
- Fireworks
- Biological materials such as blood, tissue, urine, fluids and other noninfectious diagnostic specimens.
- Damaged, Defective or Recalled Batteries
- Mercury unless contained in a device and the package does not exceed 1 lb. (0.454 kg) of Mercury

Hazardous Materials Security

Shippers and carriers are required to develop and implement a security plan addressing risks related to the transportation of hazardous materials. FedEx Ground has a Security Plan in place and is in full compliance with this regulation, along with the security-training requirements specified in 49 CFR 172.704.

Note: Due to the sensitive nature of this information, we cannot make a copy of our security plan available to our customers.

Packaging

All hazardous materials must be packaged in United Nations Performance Oriented Packaging (UN POP) except when non-specification packaging is authorized by the 49 CFR.

All packaging must meet the requirements set out in 49 CFR 173.24 and 173.24a.

- Each package used for the shipment of hazardous materials under this subchapter shall be designed, constructed, maintained, filled, its contents so limited, and closed, so that under conditions normally incident to transportation...there will be no identifiable release of hazardous materials to the environment
- Securing and cushioning. Inner packagings of combination packagings must be so packed, secured and cushioned to prevent their breakage or leakage and to control their shifting within the outer packaging under conditions normally incident to transportation. Cushioning material must not be capable of reacting dangerously with

the contents of the inner packagings or having its protective properties significantly weakened in the event of leakage.

Packaging that is not in new or “like new” condition will not be accepted.

When non-specification packaging is permitted by the D.O.T. in a fiberboard box the following guidance should be used for package strength:

- FedEx Ground requires Fiberboard “Non-Specification Packaging” or “Strong Outer Packaging” to meet the following requirements:
 - For packages weighing up to 20 lbs. the outer package minimum requirements will be a 200 lb. Bursting test or 32 Edge Crush test package.
 - For packages weighing 21 -50 lbs. a 250 lb. Bursting test or 44 Edge Crush test will be required.
 - For packages weighing 51 -70 lbs. the outer container must be 275 lb. Bursting test or 55 Edge Crush test.
- Hazardous materials of any type cannot be shipped in any FedEx branded packaging.
- Class 2 cylinders must be placed inside an overpack (outer package) marked “OVERPACK” unless specification markings on the cylinder inside are visible. Regardless, all cylinders must be placed in an outer package.
- Hazardous materials including Limited Quantity and battery shipments cannot be banded, strapped or taped to form a bundle.
- FedEx Ground does not accept pails or drums over 8 gallons (32 liters). All pails or drums must be UN POP. We will accept authorized pails or drums as single packaging; however, an additional handling fee may apply to these shipments.
- FedEx Ground will accept up to three different hazardous materials inside one UN POP package or an overpack provided the materials are compatible. The materials must be packaged separately then placed in one outer package.
- FedEx Ground does not accept cryogenic liquids unless properly prepared and packaged under exception 49 CFR 173.320. FedEx Ground **does not accept** flammable (Class 2.1) cryogenic liquids.
- FedEx Ground does not accept radioactive fissile material unless properly prepared and packaged under exception 49 CFR 173.453.
- Maximum weight for a fully regulated hazardous material package is 70 pounds total.

Combination packaging containing hazardous materials cannot exceed the inner - container requirements. The maximum size, number and total weight of glass, plastic or metal inner containers allowed in any one package are listed below:

<u>Type of Container</u>	<u>Max. Unit Size</u>	<u>Max. Volume per Carton</u>	<u>Max. Wt. (Net) per Package</u>
Glass	0.5 liters	3L (12pt)	Net 25 lb.
	1.0 liter (1 qt.)	6L (6 qt.)	Net 25 lb.
	2.0 liters (1/2 gal.)	8L (2 gal.)	Net 25 lb.
	4.0 liters (1 gal.)	8L (2 gal.)	Net 25 lb.
Plastic	8L (2 gal.)	16L (4 gal.)	Net 50 lb.
Metal	4.0 liters (1 gal.)	16L (4 gal.)	Net 50 lb.

Limited Quantity Shipments

Cartridges, small arms (Limited Quantity): Cartridges, small arms and cartridges, power devices which have been classed as a Division 1.4S explosive may be re-classed and offered for transportation as a Limited material when packaged in accordance with 49 CFR 173.63(b). Note that cartridges in bags placed inside a box does not protect the primers and is considered inadequate. Each package containing a Limited Quantity material must be marked on at least one side with the Limited Quantity marking. No shipping paper (OP-900LL or OP-900LG) or hazardous material certification form is required for Limited Quantity materials transported via highway.

FedEx Fact: Cartridges, small arms or Cartridges, power device shipped as Limited Quantity materials are prohibited to/from/within Alaska, Hawaii, or Canada.

FedEx Fact: Limited Quantity materials are prohibited to/from/within Alaska or Hawaii.

LIMITED QUANTITY SHIPMENTS



The Y denotes air shipping but may also be used for Ground Shipments but should meet the air requirements.

Paint Shipments

Paint or Paint related material: FedEx Ground will only accept metal paint-type cans with friction fitted lids packaged and prepared in fiberboard under one of two types of packaging methods. Note: This applies to all liquid shipments in paint cans, not just those designated as hazardous.

Option 1:

- United Nations Performance Oriented Packaged (UNPOP).
- A **retaining ring** (strongly recommended) around the lid or:
 - For gallons, 6 lid clips
 - For quarts, 5 lid clips
 - For pints, 4 lid clips



Option 2: If authorized by 49 CFR §173.173 or limited quantity (Ltd. Qty.), the following packaging requirements must be met:

- Fiberboard packaging must meet the following requirements:
 - For packages weighing up to 20 lbs. the outer package minimum requirements will be a 200 lb. Bursting test or 32 Edge Crush Test package.
 - For packages weighing 21 -50 lbs. a 250 lb. Bursting test or 44 Edge Crush Test will be required.
 - For packages weighing 51 -70 lbs. the outer container must be 275 lb. or 55 Edge Crush Test.
- Full partitions between the inner containers and box sides.
- A retaining ring around the lid or:
 - For gallons 6 lid clips
 - For quarts 5 lid clips
 - For pints 4 lid clips
- Absorbent material is required to fill the void spaces.

Batteries

FedEx Ground recommends that all customers offering batteries have completed training* pertaining to the shipment of batteries. A lithium battery test summary (TS) document should be requested from your supplier to assist with properly shipping these commodities.

All batteries (including lithium, alkaline, lead acid, etc.) pose a fire hazard and must be packaged so that the batteries are protected from damage and the terminals do not contact electrically conductive material or other batteries during shipment. Loosely packaged batteries should be placed in plastic bags, or the battery terminals should be covered with tape or another non-conductive material. Battery powered devices must have a positive means to prevent accidental activation during transport.

Lithium Battery Shipments

Small and medium sized lithium batteries that used to only have packaging requirements now have marking requirements as well. Please refer to 49 CFR 173.185 for the most current information and the size limitations (US 48 contiguous state Ground Shipping Limits: generally, ≤ 300 watt hours for lithium ion batteries or ≤ 25 grams lithium metal per battery for lithium metal batteries). This is an example of the lithium battery mark for loose lithium ion batteries.



The appropriate UN identification number (UN3480, UN3481, UN3090 and/or UN3091) must be listed on the mark. A phone number for additional information about the shipment must also be listed.

Loose Lithium Batteries require a statement that the package is not to be loaded onto passenger aircraft. The statement should read: "LITHIUM ION BATTERIES PROHIBITED FOR TRANSPORT ABOARD PASSENGER AIRCRAFT" or "LITHIUM METAL BATTERIES PROHIBITED FOR TRANSPORT ABOARD PASSENGER AIRCRAFT". Lithium ion batteries that are over 100 watt hours and lithium metal batteries containing over 2 grams of lithium must be marked: "LITHIUM BATTERIES PROHIBITED FOR TRANSPORT ABOARD AIRCRAFT AND VESSEL"

All lithium batteries must have successfully passed the UN safety testing and be packaged in a manner to prevent short circuits and damage that could lead to failure. Larger sized lithium batteries are fully regulated Class 9 hazardous materials. Due to the complex nature of shipping lithium batteries, it is strongly recommended that shippers take a specific lithium battery transportation course* in addition to hazardous material general awareness training.

*FedEx Ground has developed battery training which can be purchased at www.shipsafeshipsmart.com

Additional guidance including a flowchart is available at <https://www.fedex.com/content/dam/fedex/us-united-states/services/Shipping-Lithium-Batteries-via-FedEx-Ground.pdf>

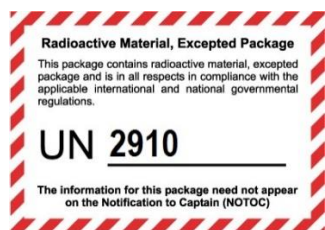
Radioactive Shipments

Radioactive material: FedEx Ground will only accept radioactive material, Type A quantity, in packaging required to be labeled RADIOACTIVE WHITE-I. FedEx Ground will not accept the RADIOACTIVE YELLOW II or YELLOW III hazard labels. If shipping a Radioactive material that requires the shipping paper (OP-900LL or OP-900LG) and hazardous materials certification form the following information must appear in the “Type DOT Label(s) Required, Ltd. Qty., or Special Permit” section of both forms:

- The name of each radionuclide, abbreviations are permitted.
- The physical and chemical form.
- The activity in becquerels, gigabecquerels or terabecquerels, abbreviations are permitted.
- The name of the label: RADIOACTIVE WHITE-I
- The words “Fissile Excepted” if packaged is excepted under 49 CFR 173.453.

FedEx Fact: FedEx Ground does not accept Radioactive Fissile material unless properly prepared and packaged under exception 49 CFR 173.453.

Radioactive material limited quantity (Ltd. Qty.): Radioactive materials in excepted packages for limited quantities do not require the RADIOACTIVE WHITE-I hazard label, hazardous material shipping paper (OP-900LL or OP-900LG) or hazardous materials certification form. Radioactive packages in limited quantities must conform to 49 CFR 173.421. The outside of the inner packaging or, if there is not inner packaging the outside of the package itself must have “Radioactive” marked on the package. The outside of each package must be marked with the four-digit UN identification number for the material preceded by the letter UN.



Note: Radioactive material meeting the definition of another hazard class or division cannot be transported or prepared under the limited quantity exceptions

Material Exceptions

Carbon Dioxide, solid (Dry Ice) 49cfr173.217

Carbon Dioxide, solid or Dry Ice is not regulated as a hazardous material when shipped via highway transportation. Dry Ice is only regulated as a hazardous material when shipped via aircraft. However, caution should be considered when transporting large amounts of Dry Ice via highway.

FedEx Ground does request that the packages be marked as “Dry Ice” in some manner so those in the supply chain can also take the proper precautions. Also, in the interest of safety we also request that you inform the driver that picks up the packages that there is dry ice present.

Dry Ice used to refrigerate diagnostic specimens (BIO-HAZARDS), such as blood, urine, and tissues, are NOT ACCEPTED by FedEx Ground.

Dry Ice is not accepted to/from/within Alaska or Hawaii.

Small Quantity Exceptions 49cfr173.4

Hazardous materials that are less than 30 ml (1 ounce) may possibly be shipped as a small quantity. In order, to utilize the exception the package must be packaged and prepared according 49 CFR 173.4. Small quantities, when packaged and prepared under 49 CFR 173.4, do not require hazardous material shipping papers, certification forms, marking or labeling of the package.

However, the outer package must be marked as “This package conforms to 49 CFR 173.4 for domestic highway or rail transport only.” Lithium batteries and cells are not eligible for this exception. The following requirements must be met:

- Materials are packaged under 49 CFR 173.4
- Less than 1 oz. per inner container
- Gross weight of the completed package can not to exceed 64 pounds.
- Package must be marked with statement “This package conforms to 49 CFR 173.4 for domestic highway or rail transport only.”
- No shipping papers required
- No hazard labels or Identification markings

Lighters or Lighter Refills 49cfr173.308

Lighters and lighter refills must be shipped as fully regulated hazardous materials via FedEx Ground. FedEx Ground does not honor 49 CFR 173.308(e) or any other exceptions. Shipments require an Alpha number identifier (LAA-xxxx) marked on the outer package and shipping papers.

Safety Devices 49cfr173.166

The manufacturer must submit each design type of a safety device (air bag inflator, air bag module, or seat-belt pretensioner) to the Associate Administrator for examination and testing. The manufacturer will receive written notification from the Associate Administrator that the device has been approved for transportation. When recycling a safety device (air bag inflator, air bag module, at-belt pretensioner), "Recycled" must be listed on the shipping paper after the basic description."

Mercury 49cfr173.164

Mercury in any amount not contained in a device is prohibited.
Mercury over 1 lb. per package is not accepted.

Mercury contained in a device (Class -8- Corrosive) may not be regulated as a hazardous material if packaged and prepared under certain conditions. 49 CFR allows an exception to the hazardous material regulations. Mercury, when packaged and prepared under 49 CFR 173.164, do not require hazardous material shipping papers, certification forms, marking or labeling of the package when:

- The mercury is contained in instruments or articles (i.e. thermometers, barometers or fluorescent lights or
- The package does not contain more than 1 lb. (.45kg) net quantity of mercury per package

Matches 173.186

Matches, safety (Class 4.1 -Flammable Solid) may not be regulated as a hazardous material if packaged and prepared under certain conditions. The 49 CFR allows an exception to the hazardous material regulations. Matches, safety, when packaged and prepared under 49 CFR 173.186, do not require hazardous material shipping papers, certification forms or hazard diamond labels when properly prepared. The only requirement is the marking.

Matches are not acceptable for transport to/from/within Alaska or Hawaii.

(a) Matches must be of a type which will not ignite spontaneously or undergo marked decomposition when subjected for 8 consecutive hours to a temperature of 93 °C (200 °F).

(b) *Definitions.* (1) *Fusee matches* are matches the heads of which are prepared with a friction-sensitive igniter composition and a pyrotechnic composition which burns with little or no flame, but with intense heat.

(2) *Safety matches* are matches combined with or attached to the box, book or card that can be ignited by friction only on a prepared surface.

(3) *Strike anywhere* matches are matches that can be ignited by friction on a solid surface.

(4) *Wax “Vesta” matches* are matches that can be ignited by friction either on a prepared surface or on a solid surface.

(c) Safety matches and wax “Vesta” matches must be tightly packed in securely closed inner packagings to prevent accidental ignition under conditions normally incident to transportation, and further packed in outer fiberboard, wooden, or other equivalent-type packagings. These matches in outer packagings not exceeding 23 kg (50 pounds) gross weight are not subject to any other requirement (except marking) of this subchapter. These matches may be packed in the same outer packaging with materials not subject to this subchapter.

(d) Strike-anywhere matches may not be packed in the same outer packaging with any material other than safety matches or wax “Vesta” matches, which must be packed in separate inner packagings.

(e) *Packagings.* Strike-anywhere matches must be tightly packed in securely closed chipboard, fiberboard, wooden, or metal inner packagings to prevent accidental ignition under conditions normally incident to transportation. Each inner packaging may contain no more than 700 strike-anywhere matches and must be packed in outer steel drums (1A1, 1A2), aluminum drums (1B1, 1B2), other metal drums (1N1, 1N2), steel jerricans (3A1, 3A2), aluminum jerricans (3B1, 3B2), steel (4A), aluminum (4N), other metal (4N) boxes, wooden (4C1, 4C2), plywood (4D), reconstituted wood (4F) or fiberboard (4G) boxes, plywood (1D) or fiber (1G) drums. Gross weight of fiberboard boxes (4G) must not

exceed 30 kg (66 pounds). Gross weight of other outer packagings must not exceed 45 kg (100 pounds).

Black and Smokeless Powder

When shipped according to 49cfr173.170 or 49cfr173.171 is limited to 100 pounds per vehicles. Shipper can only offer 100 pounds per day unless arranged otherwise, shipper must segregate these package by UNID at pickup. FedEx Ground uses gross package weight for this calculation.

Black powder for small arms 49cfr173.170

Black powder for small arms that has been classed in Division 1.1 may be reclassified as a Division 4.1 material, for domestic transportation by motor vehicle, rail freight, and cargo vessel only, subject to the following conditions:

- (a) The powder must be examined and approved for Division 1.1 and Division 4.1 classification in accordance with §§173.56 and 173.58;
- (b) The total quantity of black powder in one transport vehicle or freight container may not exceed 45.4 kg (100 pounds) net mass. No more than four freight containers may be on board one cargo vessel;
- (c) The black powder must be packed in inner metal or heavy wall conductive plastic receptacles not over 454 g (16 ounces) net capacity each, with no more than 25 cans in one outer UN 4G fiberboard box. The inner packagings must be arranged and protected so as to prevent simultaneous ignition of the contents. The complete package must be of the same type which has been examined as required in §173.56;
- (d) Each completed package must be marked "BLACK POWDER FOR SMALL ARMS" and "NA 0027"; and
- (e) Each package must bear the FLAMMABLE SOLID label.

Smokeless powder for small arms 49cfr173.171

Smokeless powder for small arms which has been classed in Division 1.3 or Division 1.4 may be reclassified in Division 4.1, for domestic transportation by motor vehicle, rail car, vessel, or cargo-only aircraft, subject to the following conditions:

- (a) Powders that have been approved as Division 1.3C or Division 1.4C may be reclassified to Division 4.1 in accordance with §§173.56 and 173.58 of this part.
- (b) The total quantity of smokeless powder may not exceed 45.4 kg (100 pounds) net mass in:

(1) One transport vehicle or cargo-only aircraft; or

(2) One freight container on a vessel, not to exceed four freight containers per vessel.

(c) Only combination packagings with inner packagings not exceeding 3.6 kg (8 pounds) net mass are authorized. Inner packagings must be arranged and protected so as to prevent simultaneous ignition of the contents. The complete package must be of the same type which has been examined as required in §173.56 of this part.

(d) Inside packages that have been examined and approved by the Associate Administrator may be packaged in UN 4G fiberboard boxes meeting the Packing Group I performance level, provided all inside containers are packed to prevent shifting and the net weight of smokeless powder in any one box does not exceed 7.3 kg (16 pounds).

FEDEX GROUND AUTOMATION

FedEx Ground will no longer accept any handwritten or manual paperwork for hazardous materials packages effective January 1, 2011. In order to process the appropriate paperwork for Hazmat shipments, customers have three options. These options are Fedex.com, Fedex Ship Manager Software, or the use of a Fedex Ship Manager Server.

The shipper is required to transmit hazardous material shipping information using a FedEx electronic shipping solution, a FedEx-recognized hazardous materials vendor software application, a FedEx Compatible Solutions Program application or a custom solution that has the ability to transmit hazardous material shipping information electronically.

Fedex.com is useful for smaller shippers or those with smaller outbound shipments. This option features preferences and functionality that make the customers' relevant shipments easy, efficient and compliant. This option supports the OP-900LL and Hazardous Materials Certifications.

FedEx Ship Manager Software is ideal for medium to large shippers and provides fully integrated shipping capabilities. The software now supports using hazardous materials laser forms OP-900LL and OP-950 on all FedEx electronic shipping solutions. This software also allows the shipper to select up to three commodities per package from the hazardous materials table for printing on the OP-900LG, OP-900LL, and Hazardous Materials Certification.

FedEx Ship Manager Server is an Interface to customer-hosted functionality and includes server software installed in customer's data center and integrated into their existing software. This is ideal for customers that have an absolute need for integration, and speed and that have IT/developer resources. It also offers a complete shipping solution for highest-volume environments.

Hazardous Materials Shipping Papers

A hazardous materials shipping paper (OP-900LL or OP-900LG) and hazardous material certification form are documents used to identify the hazardous materials package(s) being offered for transportation. It is the shipper's responsibility to ensure when offering hazardous material packages, that each package is accompanied with the appropriate documentation and that all forms are accurate and complete.

To meet DOT shipping paper and certification requirements, FedEx Ground uses the following forms:

Shipper's Hazardous Materials Certification:



**HAZARDOUS MATERIALS
CERTIFICATION**

OP-950A
3/2010

Date: _____

NUMBER AND TYPE OF PACKAGING	IDENTIFICATION NUMBER	DOT SHIPPING NAME OF MATERIAL	HAZARD CLASS OR DIVISION NUMBER	PACKING GROUP	WEIGHT	TYPE DOT LABELS, LTD. QTY, SPECIAL PERMIT OR REQUIRED INFORMATION	RECIPIENT NAME AND ADDRESS	TRK #, SHIPPER NAME EMERGENCY CONTACT NUMBER

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.
HAZARDOUS MATERIALS CAN ONLY BE SHIPPED WITHIN THE 48 CONTIGUOUS STATES VIA GROUND SERVICE.
HAZARDOUS MATERIALS AND ORMS ARE PROHIBITED FROM BEING SHIPPED TO ALASKA OR HAWAII.
ALL PACKAGES MUST BE PREPARED IN ACCORDANCE WITH ALL DOT AND FEDEX GROUND REQUIREMENTS.

SIGNATURE _____

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Note: All forms must have the appropriate DOT and FedEx Ground shipping information.

- **Hazardous Materials Label, OP-900LL:**

FedEx Ground offers a laser label OP-900LL shipping paper. The label must be placed into a pouch (OP900LLP) on the side of the package. The instructions for use are listed on the back of the laser label. The OP-900LL can be used with the FedEx Ship Manager or these compliance software providers:

DANGEROUS GOODS COUNCIL

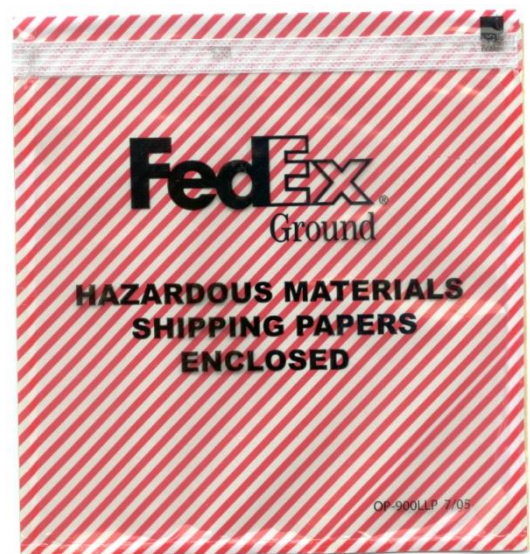
1-800-652-9959

www.hazshipper.com

LABELMASTER SOFTWARE

1-800-578-4955

www.labelmaster.com/software



Note: The OP-900LL must be computer generated.

DOT Basic Description for Hazardous Materials

Basic Information:

The description of the hazardous material information on the shipping papers (OP-900LL) and hazardous materials certification form must be as described in accordance to DOT regulations. There are twelve (12) basic items required on shipping papers accompanying hazardous materials packages. The shipper or the shipper's agent must supply this information. All entries on the shipping papers must be printed legibly and in English. The shipping papers cannot contain unauthorized abbreviations or information. The twelve basic items are:

1. **Name and address of the shipper.**

Note: The shipper's name and address is not on the FedEx Ground Hazardous Materials Shipping Paper (OP-900LL). The shipper's address label on the package will suffice provided it identifies the shipper by name and address. The shipper's information must be completed on the hazardous materials certification form.

2. The **Number of and type of packaging(s)** must be indicated according to 172.202. The number of and type of package(s) must be indicated by description of the package (for example, 1 fiberboard box) Indication of the packaging specification number (4G) may be included (for example, 1 4G box). Abbreviations may be used for indicating packaging types (for example "cyl." for "cylinder") provided the abbreviations are commonly accepted and recognized.

3. The **UN/NA identification number** is listed in Column 4 of the Hazardous Materials Table.

Note: The number must be preceded by the UN or NA prefix.

4. The **DOT proper shipping name** as listed in Column 2 of the Hazardous Materials Table. Abbreviations and codes are not acceptable.

Note: Words shown in italics are not part of the shipping name but can be used to further describe the material. The words in italics are optional.

5. The **Hazard Class or Division** is listed numerically as shown in Column 3 of the Hazardous Materials Table. The subsidiary hazard must appear in parentheses following the primary hazard. Abbreviations and codes are not acceptable.

6. The **Packing Group**, if required (see Column 5 of the Hazardous Materials Table). Packing groups must be roman type numbers (ex. I, II, III). Classes 2, 7 and some Class 1 and Class 9 materials are not assigned packing groups.

7. The **total quantity (weight)** by mass, capacity or as otherwise appropriate for the hazardous material including the unit of measurement.

Note: FedEx Ground requests the quantity (weight) of hazardous material be indicated in pounds (lbs). This is to allow FedEx Ground the ability to tally the weight of hazardous material on a vehicle. Units of measure may be abbreviated.

See the following examples.

Ounce = oz.

Pound = lb.

Gram = g.

Kilogram = kg.

Gallon = gal.

Liter = L

Quart = qt.

Pint = pt.

Milliliter = ml.

Conversions:

1 kg. = 2.2 lb. 1 lb. = 0.454 kg. 1 kg = 1000 g. 1 lb. = 16 oz.

1 L. = 1.06 qt. 4 qt. = 1 gal. 1 qt. = 0.95 L. 1 gal. = 3.78 L.

Note: 1 Gallon of water weighs approximately 8 lbs.

8. The **Type DOT Label(s)** required from Column 6 of the Hazardous Materials Table. Abbreviations and codes are not acceptable.

Note: If a hazardous material requires more than one label on the package, all labels must be entered on the shipping papers.

Note: Other information may be required. No label name is required if a Special Permit or exception is used.

Note: If NONE appears in column 6 of the Hazardous Materials Table, then no label is required, and this section of the shipping paper may be left blank.

9. The **Consignee's (Recipient's) name and address.**

Note: The consignee's (recipient's) name and address is not on the FedEx Ground Hazardous Material Shipping Paper (OP-900LL or OP-900LG). The shipper's address label will suffice provided it identifies the consignee (recipient) by name and address.

10. The **FedEx Ground barcode shipper and package number(s)** for the hazardous materials package(s).

11. The **Shipper's Certification** on the Shipper's Hazardous Materials Certification, OP-950, must be legibly signed by an authorized representative of the shipper.

Note: The signature may be handwritten or computer generated.

12. **Emergency Response Telephone Number.**

Note: The emergency response telephone number section on the FedEx Ground Shippers Hazardous Materials Certification may be used only if the telephone number applies to all hazardous materials package listed. If not, a separate telephone number must be indicated for each package. This must be a number with English speaking representatives 24 hours per day. The shipper must ensure that they have a contract in place with a service provider before using a third-party emergency response phone number.

Additional Description Information

1. If a hazardous material has a generic shipping name, the technical name of the hazardous component may be required to be entered in parentheses with the basic description. If the letter "G" appears in column 1 of the FedEx Ground Hazardous Material Table, a technical name is required.

For example: **Compound Cleaning Liquids (hydrochloric acid).**

2. If the hazardous material is a mixture or solution of two or more hazardous components, the technical names of at least two components most predominantly contributing to the hazard must be entered. If the letter "G" appears in column 1 of the FedEx Ground Hazardous Material Table, a technical name is required.

For example: Flammable Liquids, corrosive, n.o.s. (Ethanol, Sodium Hydroxide).

3. If the hazardous material meets the definition of a DOT Poison but the shipping name or hazard class does not indicate a Poison, the word "Poison" must be included on the shipping papers with the basic description. If the hazardous material has a N.O.S. generic shipping name, the technical name of the poison component must be entered in parentheses with the basic description. Materials, which pose an inhalation hazard, must have the notation "Poison Inhalation-Hazard Zone " entered on the shipping papers.

Note: FedEx Ground **does not** accept hazardous materials, which require the "Poison Inhalation Hazard Zone" labeling.

Note: FedEx Ground will only handle Poisonous materials if they are packed in an approved package that has been granted a DOT Special Permit (i.e., DOT-SP 9168) or exception which precludes the requirements for a "Poison" or "Poison PG III" Label.

4. Hazardous Materials which are shipped in a package which has a DOT authorized packaging Special Permit must bear the additional description "DOT-SP" followed by the assigned special permit number.

5. A hazardous material, which is labeled “Dangerous When Wet”, must have the same notation on the shipping papers.

Note: FedEx Ground will only handle "Dangerous When Wet" materials if packed in an approved package that has been granted a DOT Special Permit or exception, which precludes the placarding requirements.

6. A hazardous materials package that contains a reportable quantity of a hazardous substance must be identified with the letters "RQ" before or after the proper shipping name on the shipping papers. Please refer to the RQ section for the list of hazardous substances (RQ).

Note: FedEx Ground does not handle any hazardous material, containing a reportable quantity (RQ) of a hazardous substance.

7. Radioactive materials require additional shipping paper notations. Detailed information regarding shipping paper requirements for radioactive materials can be found in 49 CFR 172.203 (d) of the Hazardous Materials Regulations or in the Radioactive Shipments section of this guide.

Shipper Procedures for Hazardous Materials Documentation

Shippers Hazardous Material Certification:

The Shipper’s Hazardous Materials Certification is a computer-generated form which will be completed by the shipper via Ship Manager software or fedex.com and distributed as follows:

- The certification will be given to the FedEx Ground driver on pickup to be returned to the facility. The driver will turn in the FedEx Ground copy of the hazardous materials certification to the facility management to be filed in a Shipper's Hazardous Materials Certification file for 12 months.
- A copy will be retained by the shipper for 24 months

Note: The hazardous materials certification must be complete, agree with the Hazardous Materials Table, contain no unauthorized abbreviations, agree with the package markings and labels and be signed by the shipper. If the hazardous materials certification is not correct the incorrect items in the shipment will be returned; the correct items will be forwarded on. A Shipper Error Notification (OP-908) may be faxed to the shipper. (See example on the next page).

Instructions for the use of the shipping papers (OP-900LL):

The OP-900LL or OP-900LG is the basic Hazardous Materials Shipping Paper, which accompanies the hazardous materials shipment in transit. It consists of a multi-part label with five (5) "tear-off" parts. This form will be preprinted and attached to the hazardous materials package. The hazardous materials entries on the form must agree with the information on the Shipper's Hazardous Materials Certification and the mandatory marking and labeling information on the hazardous materials package.

SAMPLE HAZARDOUS MATERIAL SHIPPING PAPERS (OP-900LL):

OP-900LL Example #1: Exception 49 CFR 173.13

Shipping papers prepared under 49 CFR 173.13. Packages prepared under this exception do not require DOT hazard labels. The statement "This package conforms to 49 CFR 173.13" must also be marked on the outer package.

REMOVE THIS COPY AND APPLY TO PACKAGE		
Account Number 123456789	Emergency Contact Number 8002225555	Shipper Name Company Name
Tracking ID 123456789101112		
Hazardous Materials Description and Quantity 1 fiberboard box; UN 1888 Chloroform 6.1, III, 32oz, This package conforms to 49 CFR 173.13		
		
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.		 HM
John Doe Signature 1/01/2001 Date		
Page 1 of 1		

HAZARDOUS MATERIALS SHIPPING PAPER

HAZARDOUS MATERIALS

00000 01 0000

OP-900LL Example #2: DOT Special Permit

FedEx Ground may require certain materials to be shipped using a DOT Special Permit or shippers may be utilizing a DOT Special Permit for other reasons. When shipments are prepared under an applicable DOT Special Permit, the shipping papers and certification form must reflect the appropriate DOT-SP number.

REMOVE THIS COPY AND APPLY TO PACKAGE		
Account Number 123456789	Emergency Contact Number 8002225555	Shipper Name Company Name
Tracking ID 123456789101112		
Hazardous Materials Description and Quantity 1 fiberboard box; UN 2810 toxic, liquids, organic, n.o.s (thioglycol) 6.1, III, 16 oz., DOT-SP-9168		
		
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.		
John Doe Signature		1/01/2001 Date
Page 1 of 1		 HM

OP-900LL Example #3: Radioactive

Radioactive shipments require important information in the Type DOT Label(s) Required, Ltd. Qty., or Special Permit field of the hazardous materials shipping papers. Please refer to the Radioactive section for more information concerning Radioactive shipments.

REMOVE THIS COPY AND APPLY TO PACKAGE		
Account Number 123456789	Emergency Contact Number 8002225555	Shipper Name Company Name
Tracking ID 123456789101112		
Hazardous Materials Description and Quantity 1 fiberboard box; UN 2982 radioactive materials n.o.s 7, 40 TBq, Radioactive White I, Cs-131, 40 TBq, liquid cesium in solution		
		
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.		
John Doe Signature		1/01/2001 Date
Page 1 of 1		 HM

OP-900LL Example #4: Technical name required

Some DOT Proper Shipping Names require a technical name to be included. Proper shipping names that must include a technical name in parentheses are indicated by the letter “G” in column 1 of the Hazardous Materials Table. Although the letters “n.o.s.” often indicates a required technical name, not all shipping names with “n.o.s.” require them.

REMOVE THIS COPY AND APPLY TO PACKAGE

Account Number 123456789	Emergency Contact Number 8002225555	Shipper Name Company Name
Tracking ID 123456789101112		
Hazardous Materials Description and Quantity 1 fiberboard box; NA 1993 compounds, cleaning liquid (contains ethyl alcohol) 3, I, 5lb, Flammable Liquid		
FedEx Ground		
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.		HM
John Doe 1/01/2001		
Signature Date		
Page 1 of 1		

Marking

All packages must be properly marked in accordance with 49 CFR requirements. FedEx Ground requires all packages to have a minimum of four package markings.

1. Shippers Address
2. Consignee (Recipient) Address
3. The UN/NA Identification Number
4. The DOT Proper Shipping Name

Hazardous materials packages may be required to be marked with additional information depending on the contents.

- EX numbers, or Product Codes are required to be marked on the package and/or shipping papers for certain explosives. The shipping papers require the EX number or Product Code to be marked in the 'Type DOT Label(s) required, Ltd. Qty. or Special Permit field' of the OP-900LL and Hazardous Materials Certification.
- Often, hazardous materials are authorized by the DOT to be transported under a Special Permit. This Special Permit may vary depending on the intent of the shipper. This Special Permit number must be marked on the shipping papers and the outer package. DOT-SP-#### must be legibly marked on the outside package. Packages shipped under a DOT Special Permit number must mark the DOT SP number on the shipping papers in the 'Type DOT Label(s) required, Ltd. Qty. or Special Permit field' of the OP-900LL or OP-900LG and Hazardous Materials Certification. For example, DOT-SP-9168.

- Packages shipped under the exception 49 CFR 173.13 must have marked on the shipping papers and package: “This package conforms to 49 CFR 173.13” in the same field on the OP-900LL and Hazardous Materials Certification.
- When specification packaging is required, the UN POP marking will be embossed on the outer package. These codes will vary depending on the performance and type of packaging. See the packaging section for further details. The UNPOP (United Nations Performance Oriented Packaging) markings are required to be permanently marked on the outer package. For example: UN 4G/X12/S/99/USA/M123. This mark should never be covered or obstructed by labels or other information.
- Class 2 cylinders must be placed inside an overpack (outer package) marked “OVERPACK” unless specification markings on the cylinder inside are visible. Regardless, all cylinders must be placed in an outer package.
- All Lighters or Lighter refills identified as UN1057 must have the appropriate “LAA alpha number” marked on the package.

Each package containing a material classed as a Limited Quantity must be marked on at least one side. The Limited Quantity designation may be handwritten or applied by label. The Limited Quantity marking must meet the requirements in 49 CFR 172.315. It is important to remember that the marking Limited Quantity is the certification by the person offering the packaging for transportation that the material is properly described, classed, packaged, marked and labeled (when appropriate) and in proper condition for transportation according to the 49 CFR.

All liquid hazardous materials and Class 7 Radioactive must be legibly marked, with package orientation arrows on two opposite vertical sides of the package. They may be hand drawn or affixed by a label and they must conform pictorially to ISO Standard 780-1985: two arrows up with a line underneath and enclosed within a rectangle. Depicting a rectangular border around the arrows is optional.

Labeling

Hazardous Materials packages offered to FedEx Ground must be properly labeled. The hazard diamond label is the most prominent form of communication on a hazardous materials package. The label is diamond in shape and must be displayed on a package of contrasting color. The hazard label is associated with the hazard class and division of the material.

There are some hazardous materials that possess more than one hazard. For these packages the subsidiary hazard label must be displayed within 6 inches of the primary hazard label.

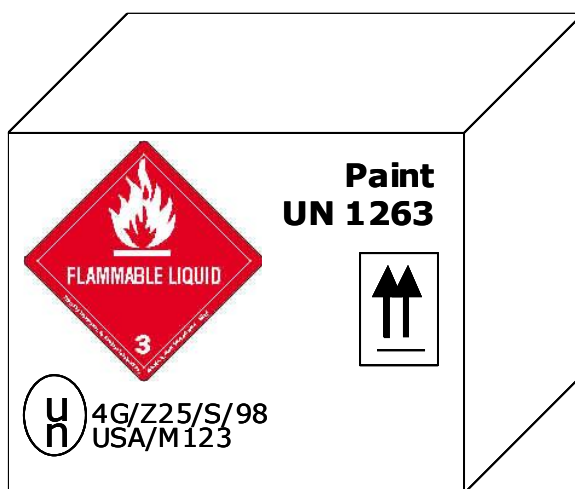
Exceptions to labeling:

- Packages offered and prepared under a DOT Special Permit may be exempted from labeling.
- Packages prepared under 49 CFR 173.13 do not require a hazard diamond label.

COMPLETED PACKAGE EXAMPLES:

All packages must have the hazardous material shipping paper (OP-900LL or OP-900LG) properly prepared and attached on top of the outer package next to the address label and must include the 'TO' (recipient) and 'FROM' (shipper) addresses. These illustrations are for information purposes only.

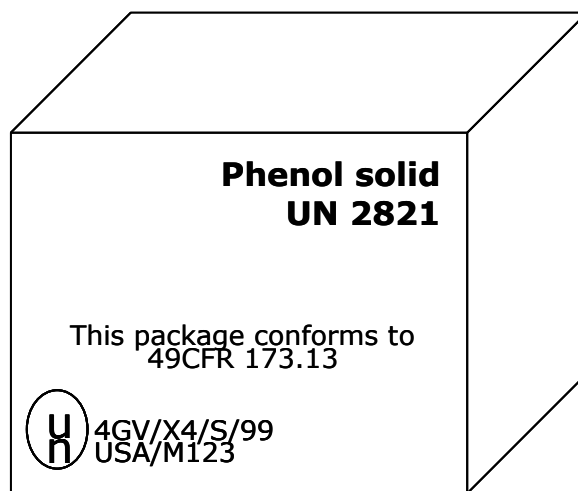
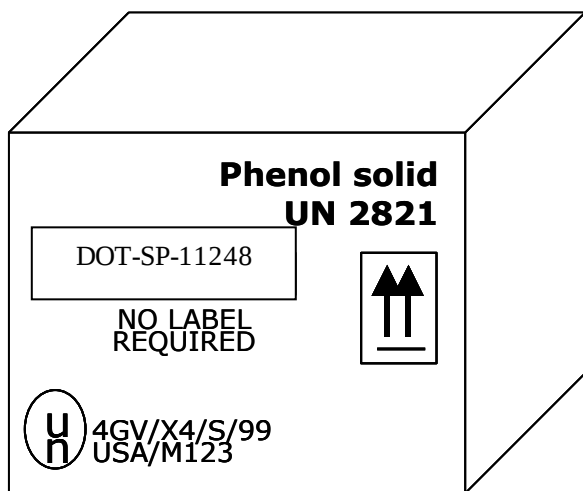
Example #1: Flammable Liquid (Class 3)



Example #2: Toxic (Class 6.1)

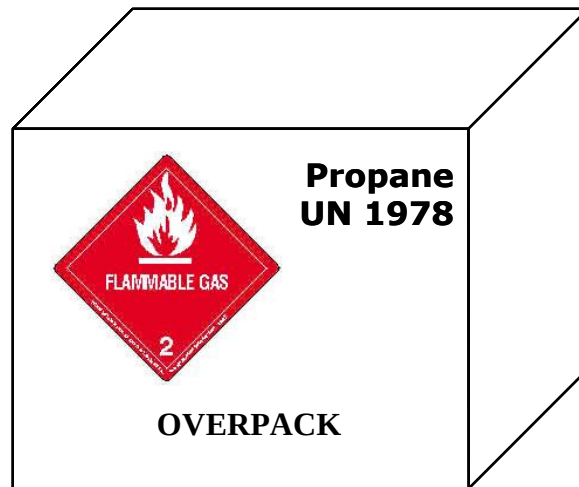
Option 1: DOT Special Permit

Option 2: 49CFR 173.13



Note: In either option, the DOT diamond hazard label will not be affixed.

Example #3: Flammable Gas (Class 2.1)

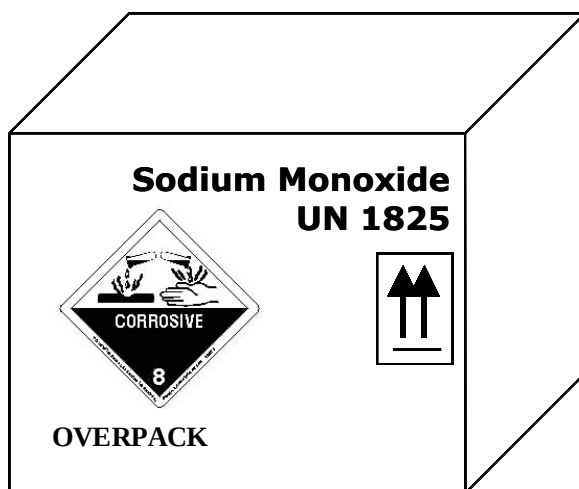


Note: All Class 2 (except Lighters-UN1057) materials must be properly overpacked.

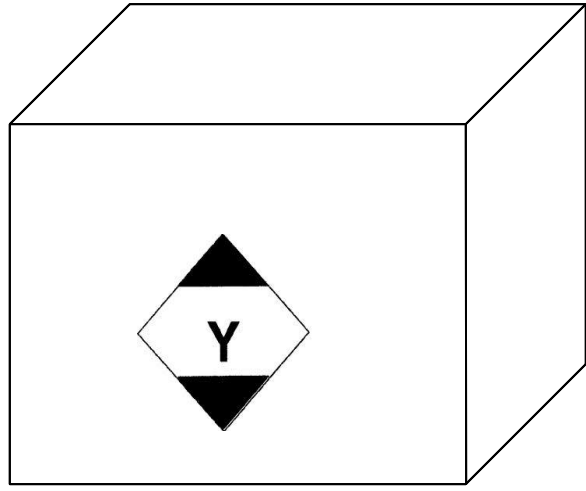
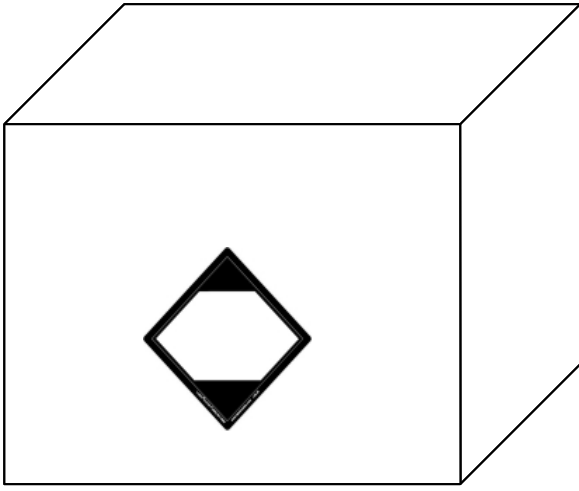
Example #4: Authorized Single Packaging

Option 1: Overpacked (49 CFR 173.25)

Option 2: Single (Standalone)



Example #6: Limited Quantity Shipments (see 172.315 in Regulations)



NOTE: Limited Quantity shipments do NOT require the hazardous material shipping paper (OP-900LL or OP-900LG) and hazardous material certification.

Identification Number Cross Reference	
Identification Number	Proper Shipping Name
NA0027	Black powder for small arms
NA0124	Jet perforating guns, charged oil well, with detonator
NA0276	Model rocket motor
NA0323	Model rocket motor
NA0331	Ammonium nitrate-fuel oil mixture
NA0337	Toy Caps
NA0494	Jet perforating guns, charged oil well, with detonator
NA1057	Lighters
NA1270	Petroleum oil
NA1325	Fusee
NA1350	Sulfur
NA1361	Charcoal
NA1365	Cotton
NA1556	Methyldichloroarsine
NA1613	Hydrocyanic acid, aqueous solutions
NA1693	Tear gas devices
NA1759	Ferrous chloride, solid
NA1760	Chemical kit
NA1760	Compounds, cleaning liquid
NA1760	Compounds, tree killing, liquid or Compounds, weed killing, liquid
NA1760	Ferrous chloride, solution
NA1911	Diborane mixtures
NA1954	Refrigerant gases, n.o.s. or Dispersant gases, n.o.s.
NA1955	Organic phosphate, mixed with compressed gas or Organic phosphate compound, mixed with compressed gas or Organic phosphorus compound, mixed with compressed gas
NA1961	Ethane-Propane mixture, refrigerated liquid
NA1967	Parathion and compressed gas mixture
NA1987	Denatured alcohol
NA1993	Combustible liquid, n.o.s.
NA1993	Compounds, cleaning liquid
NA1993	Compounds, tree killing, liquid or Compounds, weed killing, liquid
NA1993	Diesel fuel
NA1993	Fuel oil
NA1999	Asphalt
NA2212	Asbestos
NA2448	Sulfur, molten
NA2810	Compounds, tree killing, liquid or Compounds, weed killing, liquid
NA2845	Ethyl phosphonous dichloride, anhydrous, <i>pyrophoric liquid</i>
NA2845	Methyl phosphonous dichloride, <i>pyrophoric liquid</i>
NA2927	Ethyl phosphonothioic dichloride, anhydrous
NA2927	Ethyl phosphorodichloridate
NA3077	Hazardous waste, solid, n.o.s.
NA3077	Other regulated substances, solid, n.o.s.
NA3082	Hazardous waste, liquid, n.o.s.
NA3082	Other regulated substances, liquid, n.o.s.
NA3178	Smokeless powder for small arms
NA3334	Self-defense spray, non-pressurized

NA3356	Oxygen generator, chemical, spent
NA9035	Gas identification set
NA9191	Chlorine dioxide, hydrate, frozen
NA9202	Carbon monoxide, refrigerated liquid
NA9206	Methyl phosphonic dichloride
NA9260	Aluminum, molten
NA9263	Chloropivaloyl chloride
NA9264	3,5-Dichloro-2,4,6-trifluoropyridine
NA9269	Trimethoxysilane
UN0004	Ammonium picrate
UN0005	Cartridges for weapons
UN0006	Cartridges for weapons
UN0007	Cartridges for weapons
UN0009	Ammunition, incendiary
UN0010	Ammunition, incendiary
UN0012	Cartridges for weapons, inert projectile or Cartridges, small arms
UN0014	Cartridges for weapons, blank or Cartridges, small arms blank
UN0015	Ammunition, smoke
UN0016	Ammunition, smoke
UN0018	Ammunition, tear-producing
UN0019	Ammunition, tear-producing
UN0020	Ammunition, toxic
UN0021	Ammunition, toxic
UN0027	Black powder or Gunpowder
UN0028	Black powder, compressed or Gunpowder, compressed or Black powder, in pellets or Gunpowder, in pellets
UN0029	Detonators, non-electric
UN0030	Detonators, electric
UN0033	Bombs
UN0034	Bombs
UN0035	Bombs
UN0037	Bombs, photo-flash
UN0038	Bombs, photo-flash
UN0039	Bombs, photo-flash
UN0042	Boosters
UN0043	Bursters
UN0044	Primers, cap type
UN0048	Charges, demolition
UN0049	Cartridges, flash
UN0050	Cartridges, flash
UN0054	Cartridges, signal
UN0055	Cases, cartridge, empty with primer
UN0056	Charges, depth
UN0059	Charges, shaped
UN0060	Charges, supplementary explosive
UN0065	Cord, detonating
UN0066	Cord, igniter
UN0070	Cutters, cable, explosive
UN0072	Cyclotrimethylenetrinitramine, wetted or Cyclonite, wetted or Hexogen, wetted or RDX, wetted
UN0073	Detonators for ammunition
UN0074	Diazodinitrophenol, wetted
UN0075	Diethyleneglycol dinitrate, desensitized
UN0076	Dinitrophenol
UN0077	Dinitrophenolates
UN0078	Dinitroresorcinol
UN0079	Hexanitrodiphenylamine or Dipicrylamine or Hexyl
UN0081	Explosive, blasting, type A
UN0082	Explosive, blasting, type B
UN0083	Explosive, blasting, type C
UN0084	Explosive, blasting, type D
UN0092	Flares, surface

UN0093	Flares, aerial
UN0094	Flash powder
UN0099	Fracturing devices, explosive
UN0101	Fuse, non-detonating
UN0102	Cord detonating or Fuse detonating
UN0103	Fuse, igniter
UN0104	Cord, detonating, mild effect or Fuse, detonating, mild effect
UN0105	Fuse, safety
UN0106	Fuzes, detonating
UN0107	Fuzes, detonating
UN0110	Grenades, practice
UN0113	Guanyl nitrosaminoguanilydene hydrazine, wetted
UN0114	Guanyl nitrosaminoguanilydene hydrazine, wetted or Tetrazene, wetted
UN0118	Hexolite, or Hexotol
UN0121	Igniters
UN0124	Jet perforating guns, charged
UN0129	Lead azide, wetted
UN0130	Lead styphnate, wetted or Lead trinitroresorcinat, wetted
UN0131	Lighters, fuse
UN0132	Deflagrating metal salts of aromatic nitroderivatives, n.o.s
UN0133	Mannitol hexanitrate, wetted or Nitromannite, wetted
UN0135	Mercury fulminate, wetted
UN0136	Mines
UN0137	Mines
UN0138	Mines
UN0143	Nitroglycerin, desensitized
UN0144	Nitroglycerin, solution in alcohol
UN0146	Nitrostarch
UN0147	Nitro urea
UN0150	Pentaerythrite tetranitrate, wetted or Pentaerythritol tetranitrate, wetted, or PETN, wetted or Pentaerythrite tetranitrate, or Pentaerythritol tetranitrate or PETN, desensitized
UN0151	Pentolite
UN0153	Trinitroaniline or Picramide
UN0155	Trinitrochlorobenzene or Picryl chloride
UN0159	Powder cake, wetted or Powder paste, wetted
UN0160	Powder, smokeless
UN0161	Powder, smokeless
UN0167	Projectiles
UN0168	Projectiles
UN0169	Projectiles
UN0171	Ammunition, illuminating
UN0173	Release devices, explosive
UN0174	Rivets, explosive
UN0180	Rockets
UN0181	Rockets
UN0182	Rockets
UN0183	Rockets
UN0186	Rocket motors
UN0190	Samples, explosive
UN0191	Signal devices, hand
UN0192	Signals, railway track, explosive
UN0193	Signals, railway track, explosive
UN0194	Signals, distress
UN0195	Signals, distress
UN0196	Signals, smoke
UN0197	Signals, smoke
UN0204	Sounding devices, explosive
UN0207	Tetranitroaniline

UN0208	Trinitrophenylmethyl nitramine or Tetryl
UN0209	Trinitrotoluene or TNT
UN0212	Tracers for ammunition
UN0213	Trinitroanisole
UN0214	Trinitrobenzene
UN0215	Trinitrobenzoic acid
UN0216	Trinitro-meta-cresol
UN0217	Trinitronaphthalene
UN0218	Trinitrophenetole
UN0219	Trinitroresorcinol or Styphnic acid
UN0220	Urea nitrate
UN0221	Warheads, torpedo
UN0222	Ammonium nitrate
UN0224	Barium azide
UN0225	Boosters with detonator
UN0226	Cyclotetramethylenetetranitramine, wetted or HMX, wetted or Octogen, wetted
UN0234	Sodium dinitro-o-cresolate
UN0235	Sodium picramate
UN0236	Zirconium picramate
UN0237	Charges, shaped, flexible, linear
UN0238	Rockets, line-throwing
UN0240	Rockets, line-throwing
UN0241	Explosive, blasting, type E
UN0242	Charges, propelling, for cannon
UN0243	Ammunition, incendiary, white phosphorus
UN0244	Ammunition, incendiary, white phosphorus
UN0245	Ammunition smoke, white phosphorus
UN0246	Ammunition smoke, white phosphorus
UN0247	Ammunition, incendiary
UN0248	Contrivances, water-activated
UN0249	Contrivances, water-activated
UN0250	Rocket motors with hypergolic liquids
UN0254	Ammunition, illuminating
UN0255	Detonators, electric
UN0257	Fuzes, detonating
UN0266	Octolite or Octol
UN0267	Detonators, non-electric
UN0268	Boosters with detonator
UN0271	Charges, propelling
UN0272	Charges, propelling
UN0275	Cartridges, power device
UN0276	Cartridges, power device
UN0277	Cartridges, oil well
UN0278	Cartridges, oil well
UN0279	Charges, propelling, for cannon
UN0280	Rocket motors
UN0281	Rocket motors
UN0282	Nitroguanidine or Picrite
UN0283	Boosters
UN0284	Grenades
UN0285	Grenades
UN0286	Warheads, rocket
UN0287	Warheads, rocket
UN0288	Charges, shaped, flexible, linear
UN0289	Cord, detonating
UN0290	Cord detonating or Fuse detonating
UN0291	Bombs
UN0292	Grenades
UN0293	Grenades
UN0294	Mines
UN0295	Rockets
UN0296	Sounding devices, explosive
UN0297	Ammunition, illuminating
UN0299	Bombs, photo-flash

UN0300	Ammunition, incendiary
UN0301	Ammunition, tear-producing
UN0303	Ammunition, smoke
UN0305	Flash powder
UN0306	Tracers for ammunition
UN0312	Cartridges, signal
UN0313	Signals, smoke
UN0314	Igniters
UN0315	Igniters
UN0316	Fuzes, igniting
UN0317	Fuzes, igniting
UN0318	Grenades, practice
UN0319	Primers, tubular
UN0320	Primers, tubular
UN0321	Cartridges for weapons
UN0322	Rocket motors with hypergolic liquids
UN0323	Cartridges, power device
UN0324	Projectiles
UN0325	Igniters
UN0326	Cartridges for weapons, blank
UN0327	Cartridges for weapons, blank or Cartridges, small arms blank
UN0328	Cartridges for weapons, inert projectile
UN0329	Torpedoes
UN0330	Torpedoes
UN0331	Explosive, blasting, type B or Agent blasting, Type B
UN0332	Explosive, blasting, type E or Agent blasting, Type E
UN0333	Fireworks
UN0334	Fireworks
UN0335	Fireworks
UN0336	Fireworks
UN0337	Fireworks
UN0338	Cartridges for weapons, blank or Cartridges, small arms blank
UN0339	Cartridges for weapons, inert projectile or Cartridges, small arms
UN0340	Nitrocellulose
UN0341	Nitrocellulose
UN0342	Nitrocellulose, wetted
UN0343	Nitrocellulose, plasticized
UN0344	Projectiles
UN0345	Projectiles
UN0346	Projectiles
UN0347	Projectiles
UN0348	Cartridges for weapons
UN0349	Articles, explosive, n.o.s.
UN0350	Articles, explosive, n.o.s.
UN0351	Articles, explosive, n.o.s.
UN0352	Articles, explosive, n.o.s.
UN0353	Articles, explosive, n.o.s.
UN0354	Articles, explosive, n.o.s.
UN0355	Articles, explosive, n.o.s.
UN0356	Articles, explosive, n.o.s.
UN0357	Substances, explosive, n.o.s.
UN0358	Substances, explosive, n.o.s.
UN0359	Substances, explosive, n.o.s.
UN0360	Detonator assemblies, non-electric
UN0361	Detonator assemblies, non-electric
UN0362	Ammunition, practice
UN0363	Ammunition, proof
UN0364	Detonators for ammunition
UN0365	Detonators for ammunition
UN0366	Detonators for ammunition
UN0367	Fuzes, detonating
UN0368	Fuzes, igniting
UN0369	Warheads, rocket

UN0370	Warheads, rocket
UN0371	Warheads, rocket
UN0372	Grenades, practice
UN0373	Signal devices, hand
UN0374	Sounding devices, explosive
UN0375	Sounding devices, explosive
UN0376	Primers, tubular
UN0377	Primers, cap type
UN0378	Primers, cap type
UN0379	Cases, cartridges, empty with primer
UN0380	Articles, pyrophoric
UN0381	Cartridges, power device
UN0382	Components, explosive train, n.o.s.
UN0383	Components, explosive train, n.o.s.
UN0384	Components, explosive train, n.o.s.
UN0385	5-Nitrobenzotriazol
UN0386	Trinitrobenzenesulfonic acid
UN0387	Trinitrofluorenone
UN0388	Trinitrotoluene and Trinitrobenzene mixtures or TNT and trinitrobenzene mixtures or TNT and hexanitrostilbene mixtures or Trinitrotoluene and hexanitrostilbene mixtures
UN0389	Trinitrotoluene mixtures containing Trinitrobenzene and Hexanitrostilbene or TNT mixtures containing trinitrobenzene and hexanitrostilbene
UN0390	Tritonal
UN0391	RDX and HMX mixtures, wetted or RDX and HMX mixtures, desensitized
UN0392	Hexanitrostilbene
UN0393	Hexotonal
UN0394	Trinitroresorcinol, wetted or Styphnic acid
UN0395	Rocket motors, liquid fueled
UN0396	Rocket motors, liquid fueled
UN0397	Rockets, liquid fueled
UN0398	Rockets, liquid fueled
UN0399	Bombs with flammable liquid
UN0400	Bombs with flammable liquid
UN0401	Dipicryl sulfide
UN0402	Ammonium perchlorate
UN0403	Flares, aerial
UN0404	Flares, aerial
UN0405	Cartridges, signal
UN0406	Dinitrosobenzene
UN0407	Tetrazol-1-acetic acid
UN0408	Fuzes, detonating
UN0409	Fuzes, detonating
UN0410	Fuzes, detonating
UN0411	Pentaerythrite tetranitrate or Pentaerythritol tetranitrate or PETN
UN0412	Cartridges for weapons
UN0413	Cartridges for weapons, blank
UN0414	Charges, propelling, for cannon
UN0415	Charges, propelling
UN0417	Cartridges for weapons, inert projectile or Cartridges, small arms
UN0418	Flares, surface
UN0419	Flares, surface
UN0420	Flares, aerial
UN0421	Flares, aerial
UN0424	Projectiles
UN0425	Projectiles
UN0426	Projectiles
UN0427	Projectiles
UN0428	Articles, pyrotechnic
UN0429	Articles, pyrotechnic

UN0430	Articles, pyrotechnic
UN0431	Articles, pyrotechnic
UN0432	Articles, pyrotechnic
UN0433	Powder cake, wetted or Powder paste, wetted
UN0434	Projectiles
UN0435	Projectiles
UN0436	Rockets
UN0437	Rockets
UN0438	Rockets
UN0439	Charges, shaped
UN0440	Charges, shaped
UN0441	Charges, shaped
UN0442	Charges, explosive, commercial
UN0443	Charges, explosive, commercial
UN0444	Charges, explosive, commercial
UN0445	Charges, explosive, commercial
UN0446	Cases, combustible, empty, without primer
UN0447	Cases, combustible, empty, without primer
UN0448	5-Mercaptotetrazol-1-acetic acid
UN0449	Torpedoes, liquid fueled
UN0450	Torpedoes, liquid fueled
UN0451	Torpedoes
UN0452	Grenades, practice
UN0453	Rockets, line-throwing
UN0454	Igniters
UN0455	Detonators, non-electric
UN0456	Detonators, electric
UN0457	Charges, bursting, plastics bonded
UN0458	Charges, bursting, plastics bonded
UN0459	Charges, bursting, plastics bonded
UN0460	Charges, bursting, plastics bonded
UN0461	Components, explosive train, n.o.s.
UN0462	Articles, explosive, n.o.s.
UN0463	Articles, explosive, n.o.s.
UN0464	Articles, explosive, n.o.s.
UN0465	Articles, explosive, n.o.s.
UN0466	Articles, explosive, n.o.s.
UN0467	Articles, explosive, n.o.s.
UN0468	Articles, explosive, n.o.s.
UN0469	Articles, explosive, n.o.s.
UN0470	Articles, explosive, n.o.s.
UN0471	Articles, explosive, n.o.s.
UN0472	Articles, explosive, n.o.s.
UN0473	Substances, explosive, n.o.s.
UN0474	Substances, explosive, n.o.s.
UN0475	Substances, explosive, n.o.s.
UN0476	Substances, explosive, n.o.s.
UN0477	Substances, explosive, n.o.s.
UN0478	Substances, explosive, n.o.s.
UN0479	Substances, explosive, n.o.s.
UN0480	Substances, explosive, n.o.s.
UN0481	Substances, explosive, n.o.s.
UN0482	Substances, explosive, very insensitive, n.o.s. or Substances, EVI n.o.s.
UN0483	Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized
UN0484	Cyclotetramethylenetetranitramine, desensitized or Octogen, desensitized or HMX, desensitized
UN0485	Substances, explosive, n.o.s.
UN0486	Articles, explosive, extremely insensitive or Articles, EEI
UN0487	Signals, smoke

UN0488	Ammunition, practice
UN0489	Dinitroglycoluril or Dingu
UN0490	Nitrotriazolone or NTO
UN0491	Charges, propelling
UN0492	Signals, railway track, explosive
UN0493	Signals, railway track, explosive
UN0494	Jet perforating guns, charged
UN0495	Propellant, liquid
UN0496	Octonal
UN0497	Propellant, liquid
UN0498	Propellant, solid
UN0499	Propellant, solid
UN0500	Detonator assemblies, non-electric
UN0501	Propellant, solid
UN0502	Rockets
UN0503	Safety Devices, pyrotechnic
UN0504	1H-Tetrazole
UN0505	Signals, distress, <i>ship</i>
UN0506	Signals, distress, <i>ship</i>
UN0507	Signals, smoke
UN0508	1-Hydroxybenzotriazole, anhydrous, <i>dry or wetted with less than 20 percent water, by mass</i>
UN0509	Powder, smokeless
UN0510	Rocket Motors
UN1001	Acetylene, dissolved
UN1002	Air, compressed
UN1003	Air, refrigerated liquid
UN1003	Air, refrigerated liquid
UN1005	Ammonia, anhydrous
UN1006	Argon, compressed
UN1008	Boron trifluoride
UN1009	Bromotrifluoromethane or Refrigerant gas, R 13B1
UN1010	Butadienes, stabilized
UN1011	Butane
UN1012	Butylene
UN1013	Carbon dioxide
UN1016	Carbon monoxide, compressed
UN1017	Chlorine
UN1018	Chlorodifluoromethane or Refrigerant gas R 22
UN1020	Chloropentafluoroethane or Refrigerant gas R 115
UN1021	1-Chloro-1,2,2,2-tetrafluoroethane or Refrigerant gas R 124
UN1022	Chlorotrifluoromethane or Refrigerant gas R 13
UN1023	Coal gas, compressed
UN1026	Cyanogen
UN1027	Cyclopropane
UN1028	Dichlorodifluoromethane or Refrigerant gas R 12
UN1029	Dichlorofluoromethane or Refrigerant gas R21
UN1030	1,1-Difluoroethane or Refrigerant gas R 152a
UN1032	Dimethylamine, anhydrous
UN1033	Dimethyl ether
UN1035	Ethane
UN1036	Ethylamine
UN1037	Ethyl chloride
UN1038	Ethylene, refrigerated liquid
UN1039	Ethyl methyl ether
UN1040	Ethylene oxide or Ethylene oxide with nitrogen
UN1041	Ethylene oxide and carbon dioxide mixtures

UN1043	Fertilizer ammoniating solution
UN1044	Fire extinguishers
UN1045	Fluorine, compressed
UN1046	Helium, compressed
UN1048	Hydrogen bromide, anhydrous
UN1049	Hydrogen, compressed
UN1050	Hydrogen chloride, anhydrous
UN1051	Hydrogen cyanide, stabilized
UN1052	Hydrogen fluoride, anhydrous
UN1053	Hydrogen sulfide
UN1055	Isobutylene
UN1056	Krypton, compressed
UN1057	Lighters or Lighter refills
UN1058	Liquefied gases
UN1060	Methyl acetylene and propadiene mixtures, stabilized
UN1061	Methylamine, anhydrous
UN1062	Methyl bromide
UN1063	Methyl chloride or Refrigerant gas R 40
UN1064	Methyl mercaptan
UN1065	Neon, compressed
UN1066	Nitrogen, compressed
UN1067	Dinitrogen tetroxide
UN1069	Nitrosyl chloride
UN1070	Nitrous oxide
UN1071	Oil gas, compressed
UN1072	Oxygen, compressed
UN1073	Oxygen, refrigerated liquid
UN1075	Petroleum gases, liquefied or Liquefied petroleum gas
UN1076	Phosgene
UN1077	Propylene
UN1078	Refrigerant gases, n.o.s.
UN1079	Sulfur dioxide
UN1080	Sulfur hexafluoride
UN1081	Tetrafluoroethylene, stabilized
UN1082	Trifluorochloroethylene, stabilized
UN1083	Trimethylamine, anhydrous
UN1085	Vinyl bromide, stabilized
UN1086	Vinyl chloride, stabilized
UN1087	Vinyl methyl ether, stabilized
UN1088	Acetal
UN1089	Acetaldehyde
UN1090	Acetone
UN1091	Acetone oils
UN1092	Acrolein, stabilized
UN1093	Acrylonitrile, stabilized
UN1098	Allyl alcohol
UN1099	Allyl bromide
UN1100	Allyl chloride
UN1104	Amyl acetates
UN1105	Pentanol
UN1106	Amylamines
UN1107	Amyl chlorides
UN1108	1-Pentene
UN1109	Amyl formates
UN1110	n-Amyl methyl ketone
UN1111	Amyl mercaptans
UN1112	Amyl nitrate
UN1113	Amyl nitrites
UN1114	Benzene
UN1120	Butanols
UN1123	Butyl acetates
UN1125	n-Butylamine
UN1126	1-Bromobutane
UN1127	Chlorobutanes
UN1128	n-Butyl formate

UN1129	Butyraldehyde
UN1130	Camphor oil
UN1131	Carbon disulfide
UN1133	Adhesives, containing a flammable liquid
UN1134	Chlorobenzene
UN1135	Ethylene chlorohydrin
UN1136	Coal tar distillates, flammable
UN1139	Coating solution
UN1143	Crotonaldehyde or Crotonaldehyde, stabilized
UN1144	Crotonylene
UN1145	Cyclohexane
UN1146	Cyclopentane
UN1147	Decahydronaphthalene
UN1148	Diacetone alcohol
UN1149	Dibutyl ethers
UN1150	1,2-Dichloroethylene
UN1152	Dichloropentanes
UN1153	Ethylene glycol diethyl ether
UN1154	Diethylamine
UN1155	Diethyl ether or Ethyl ether
UN1156	Diethyl ketone
UN1157	Diisobutyl ketone
UN1158	Diisopropylamine
UN1159	Diisopropyl ether
UN1160	Dimethylamine solution
UN1161	Dimethyl carbonate
UN1162	Dimethyldichlorosilane
UN1163	Dimethylhydrazine, unsymmetrical
UN1164	Dimethyl sulfide
UN1165	Dioxane
UN1166	Dioxolane
UN1167	Divinyl ether, stabilized
UN1169	Extracts, aromatic, liquid
UN1170	Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions
UN1171	Ethylene glycol monoethyl ether
UN1172	Ethylene glycol monoethyl ether acetate
UN1173	Ethyl acetate
UN1175	Ethylbenzene
UN1176	Ethyl borate
UN1177	2-Ethylbutyl acetate
UN1178	2-Ethylbutyraldehyde
UN1179	Ethyl butyl ether
UN1180	Ethyl butyrate
UN1181	Ethyl chloroacetate
UN1182	Ethyl chloroformate
UN1183	Ethylchlorosilane
UN1184	Ethylene dichloride
UN1185	Ethyleneimine, stabilized
UN1188	Ethylene glycol monomethyl ether
UN1189	Ethylene glycol monomethyl ether acetate
UN1190	Ethyl formate
UN1191	Octyl aldehydes
UN1192	Ethyl lactate
UN1193	Ethyl methyl ketone or Methyl ethyl ketone
UN1194	Ethyl nitrite solutions
UN1195	Ethyl propionate
UN1196	Ethyltrichlorosilane
UN1197	Extracts, flavoring, liquid
UN1198	Formaldehyde, solutions, flammable
UN1199	Furaldehydes
UN1201	Fusel oil
UN1202	Diesel fuel
UN1202	Gas oil

UN1202	Heating oil, light
UN1203	Gasoline, <i>includes gasoline mixed with ethyl alcohol, with not more than 10% percent ; alcohol</i>
UN1204	Nitroglycerin solution in alcohol
UN1206	Heptanes
UN1207	Hexaldehyde
UN1208	Hexanes
UN1210	Printing ink or Printing ink related material
UN1212	Isobutanol or Isobutyl alcohol
UN1213	Isobutyl acetate
UN1214	Isobutylamine
UN1216	Isooctenes
UN1218	Isoprene, stabilized
UN1219	Isopropanol or Isopropyl alcohol
UN1220	Isopropyl acetate
UN1221	Isopropylamine
UN1222	Isopropyl nitrate
UN1223	Kerosene
UN1224	Ketones, liquid, n.o.s.
UN1228	Mercaptans, liquid, flammable, toxic, n.o.s. or Mercaptan mixtures, liquid, flammable, toxic, n.o.s.
UN1229	Mesityl oxide
UN1230	Methanol
UN1231	Methyl acetate
UN1233	Methylamyl acetate
UN1234	Methylal
UN1235	Methylamine, aqueous solution
UN1237	Methyl butyrate
UN1238	Methyl chloroformate
UN1239	Methyl chloromethyl ether
UN1242	Methyldichlorosilane
UN1243	Methyl formate
UN1244	Methylhydrazine
UN1245	Methyl isobutyl ketone
UN1246	Methyl isopropenyl ketone, stabilized
UN1247	Methyl methacrylate monomer, stabilized
UN1248	Methyl propionate
UN1249	Methyl propyl ketone
UN1250	Methyltrichlorosilane
UN1251	Methyl vinyl ketone, stabilized
UN1259	Nickel carbonyl
UN1261	Nitromethane
UN1262	Octanes
UN1263	Paint
UN1263	Paint related material
UN1264	Paraldehyde
UN1265	Pentanes
UN1266	Perfumery products
UN1267	Petroleum crude oil
UN1268	Petroleum distillates, n.o.s. or Petroleum products, n.o.s.
UN1272	Pine oil
UN1274	n-Propanol or Propyl alcohol, normal
UN1275	Propionaldehyde
UN1276	n-Propyl acetate
UN1277	Propylamine
UN1278	1-Chloropropane
UN1279	1,2-Dichloropropane
UN1280	Propylene oxide
UN1281	Propyl formates
UN1282	Pyridine
UN1286	Rosin oil
UN1287	Rubber solution
UN1288	Shale oil
UN1289	Sodium methylate solutions

UN1292	Tetraethyl silicate
UN1293	Tinctures, medicinal
UN1294	Toluene
UN1295	Trichlorosilane
UN1296	Triethylamine
UN1297	Trimethylamine, aqueous solutions
UN1298	Trimethylchlorosilane
UN1299	Turpentine
UN1300	Turpentine substitute
UN1301	Vinyl acetate, stabilized
UN1302	Vinyl ethyl ether, stabilized
UN1303	Vinylidene chloride, stabilized
UN1304	Vinyl isobutyl ether, stabilized
UN1305	Vinyltrichlorosilane
UN1306	Wood preservatives, liquid
UN1307	Xylenes
UN1308	Zirconium suspended in a liquid
UN1309	Aluminum powder, coated
UN1310	Ammonium picrate, wetted
UN1312	Borneol
UN1313	Calcium resinate
UN1314	Calcium resinate, fused
UN1318	Cobalt resinate, precipitated
UN1320	Dinitrophenol, wetted
UN1321	Dinitrophenolates, wetted
UN1322	Dinitroresorcinol, wetted
UN1323	Ferrocium
UN1324	Films, nitrocellulose base
UN1325	Flammable solids, organic, n.o.s.
UN1326	Hafnium powder, wetted
UN1328	Hexamethylenetetramine
UN1330	Manganese resinate
UN1331	Matches, strike anywhere
UN1332	Metaldehyde
UN1333	Cerium
UN1334	Naphthalene, crude or Naphthalene
UN1336	Nitroguanidine, wetted or Picrite, wetted <i>with not less than 20 percent water, by mass</i>
UN1337	Nitrostarch, wetted <i>with not less than 20 percent water, by mass</i>
UN1338	Phosphorus, amorphous
UN1339	Phosphorus heptasulfide
UN1340	Phosphorus pentasulfide
UN1341	Phosphorus sesquisulfide
UN1343	Phosphorus trisulfide
UN1344	Trinitrophenol, wetted
UN1345	Rubber scrap or Shoddy
UN1346	Silicon powder, amorphous
UN1347	Silver picrate, wetted
UN1348	Sodium dinitro-o-cresolate, wetted
UN1349	Sodium picramate, wetted
UN1350	Sulfur
UN1352	Titanium powder, wetted
UN1353	Fibers or Fabrics impregnated with weakly nitrated nitrocellulose, n.o.s.
UN1354	Trinitrobenzene, wetted
UN1355	Trinitrobenzoic acid, wetted
UN1356	Trinitrotoluene, wetted or TNT wetted, <i>with not less than 30 percent water, by mass</i>
UN1357	Urea nitrate, wetted
UN1358	Zirconium powder, wetted
UN1360	Calcium phosphide
UN1361	Carbon
UN1362	Carbon, activated
UN1363	Copra
UN1364	Cotton waste, oily
UN1365	Cotton, wet

UN1369	p-Nitrosodimethylaniline
UN1372	Fibers, animal or Fibers, vegetable
UN1373	Fibers or Fabrics, animal or vegetable or Synthetic, n.o.s.
UN1374	Fish meal, unstablized or Fish scrap, unstablized
UN1376	Iron oxide, spent, or Iron sponge, spent
UN1378	Metal catalyst, wetted
UN1379	Paper, unsaturated oil treated
UN1380	Pentaborane
UN1381	Phosphorus, white dry or Phosphorus, white, under water or Phosphorus, white, in solution or Phosphorus, yellow dry or Phosphorus, yellow, under water or Phosphorus, yellow, in solution
UN1382	Potassium sulfide, anhydrous or Potassium sulfide
UN1383	Pyrophoric metals, n.o.s. or Pyrophoric alloys, n.o.s.
UN1384	Sodium dithionite or Sodium hydrosulfite
UN1385	Sodium sulfide, anhydrous or Sodium sulfide
UN1386	Seed cake
UN1387	Wool waste, wet
UN1389	Alkali metal amalgam, liquid
UN1390	Alkali metal amides
UN1391	Alkali metal dispersions, or Alkaline earth metal dispersions
UN1392	Alkaline earth metal amalgams, liquid
UN1393	Alkaline earth metal alloys, n.o.s.
UN1394	Aluminum carbide
UN1395	Aluminum ferrosilicon powder
UN1396	Aluminum powder, uncoated
UN1397	Aluminum phosphide
UN1398	Aluminum silicon powder, uncoated
UN1400	Barium
UN1401	Calcium
UN1402	Calcium carbide
UN1403	Calcium cyanamide
UN1404	Calcium hydride
UN1405	Calcium silicide
UN1407	Cesium or Caesium
UN1408	Ferrosilicon
UN1409	Metal hydrides, water reactive, n.o.s.
UN1410	Lithium aluminum hydride
UN1411	Lithium aluminum hydride, ethereal
UN1413	Lithium borohydride
UN1414	Lithium hydride
UN1415	Lithium
UN1417	Lithium silicon
UN1418	Magnesium, powder or Magnesium alloys, powder
UN1419	Magnesium aluminum phosphide
UN1420	Potassium, metal alloys, liquid
UN1421	Alkali metal alloys, liquid, n.o.s.
UN1422	Potassium sodium alloys, liquid
UN1423	Rubidium
UN1426	Sodium borohydride
UN1427	Sodium hydride
UN1428	Sodium
UN1431	Sodium methylate
UN1432	Sodium phosphide
UN1433	Stannic phosphide
UN1435	Zinc ashes
UN1436	Zinc powder or Zinc dust
UN1437	Zirconium hydride

UN1438	Aluminum nitrate
UN1439	Ammonium dichromate
UN1442	Ammonium perchlorate
UN1444	Ammonium persulfate
UN1445	Barium chlorate, solid
UN1446	Barium nitrate
UN1447	Barium perchlorate, solid
UN1448	Barium permanganate
UN1449	Barium peroxide
UN1450	Bromates, inorganic, n.o.s.
UN1451	Cesium nitrate or Caesium nitrate
UN1452	Calcium chlorate
UN1453	Calcium chlorite
UN1454	Calcium nitrate
UN1455	Calcium perchlorate
UN1456	Calcium permanganate
UN1457	Calcium peroxide
UN1458	Chlorate and borate mixtures
UN1459	Chlorate and magnesium chloride mixtures, solid
UN1461	Chlorates, inorganic, n.o.s.
UN1462	Chlorites, inorganic, n.o.s.
UN1463	Chromium trioxide, anhydrous
UN1465	Didymium nitrate
UN1466	Ferric nitrate
UN1467	Guanidine nitrate
UN1469	Lead nitrate
UN1470	Lead perchlorate, solid
UN1471	Lithium hypochlorite, dry or Lithium hypochlorite mixture
UN1472	Lithium peroxide
UN1473	Magnesium bromate
UN1474	Magnesium nitrate
UN1475	Magnesium perchlorate
UN1476	Magnesium peroxide
UN1477	Nitrates, inorganic, n.o.s.
UN1479	Oxidizing solid, n.o.s.
UN1481	Perchlorates, inorganic, n.o.s.
UN1482	Permanganates, inorganic, n.o.s.
UN1483	Peroxides, inorganic, n.o.s.
UN1484	Potassium bromate
UN1485	Potassium chlorate
UN1486	Potassium nitrate
UN1487	Potassium nitrate and sodium nitrite mixtures
UN1488	Potassium nitrite
UN1489	Potassium perchlorate
UN1490	Potassium permanganate
UN1491	Potassium peroxide
UN1492	Potassium persulfate
UN1493	Silver nitrate
UN1494	Sodium bromate
UN1495	Sodium chlorate
UN1496	Sodium chlorite
UN1498	Sodium nitrate
UN1499	Sodium nitrate and potassium nitrate mixtures
UN1500	Sodium nitrite
UN1502	Sodium perchlorate
UN1503	Sodium permanganate
UN1504	Sodium peroxide
UN1505	Sodium persulfate
UN1506	Strontium chlorate
UN1507	Strontium nitrate
UN1508	Strontium perchlorate
UN1509	Strontium peroxide
UN1510	Tetranitromethane
UN1511	Urea hydrogen peroxide
UN1512	Zinc ammonium nitrite

UN1513	Zinc chlorate
UN1514	Zinc nitrate
UN1515	Zinc permanganate
UN1516	Zinc peroxide
UN1517	Zirconium picramate, wetted
UN1541	Acetone cyanohydrin, stabilized
UN1544	Alkaloids, solid, n.o.s. or Alkaloid salts, solid, n.o.s.
UN1545	Allyl isothiocyanate, stabilized
UN1546	Ammonium arsenate
UN1547	Aniline
UN1548	Aniline hydrochloride
UN1549	Antimony compounds, inorganic, solid, n.o.s.
UN1550	Antimony lactate
UN1551	Antimony potassium tartrate
UN1553	Arsenic acid, liquid
UN1554	Arsenic acid, solid
UN1555	Arsenic bromide
UN1556	Arsenic compounds, liquid, n.o.s.
UN1557	Arsenic compounds, solid, n.o.s.
UN1558	Arsenic
UN1559	Arsenic pentoxide
UN1560	Arsenic trichloride
UN1561	Arsenic trioxide
UN1562	Arsenical dust
UN1564	Barium compounds, n.o.s.
UN1565	Barium cyanide
UN1566	Beryllium compounds, n.o.s.
UN1567	Beryllium, powder
UN1569	Bromoacetone
UN1570	Brucine
UN1571	Barium azide, wetted
UN1572	Cacodylic acid
UN1573	Calcium arsenate
UN1574	Calcium arsenate and calcium arsenite, mixtures, solid
UN1575	Calcium cyanide
UN1577	Chlorodinitrobenzenes, liquid
UN1578	Chloronitrobenzene, solid
UN1579	4-Chloro-o-toluidine hydrochloride, solid
UN1580	Chloropicrin
UN1581	Chloropicrin and methyl bromide mixtures
UN1582	Chloropicrin and methyl chloride mixtures
UN1583	Chloropicrin mixtures, n.o.s.
UN1585	Copper acetoarsenite
UN1586	Copper arsenite
UN1587	Copper cyanide
UN1588	Cyanides, inorganic, solid, n.o.s.
UN1589	Cyanogen chloride, stabilized
UN1590	Dichloroanilines, liquid
UN1591	o-Dichlorobenzene
UN1593	Dichloromethane
UN1594	Diethyl sulfate
UN1595	Dimethyl sulfate
UN1596	Dinitroanilines
UN1597	Dinitrobenzenes, liquid
UN1598	Dinitro-o-cresol
UN1599	Dinitrophenol solutions
UN1600	Dinitrotoluenes, molten
UN1601	Disinfectants, solid, toxic, n.o.s.
UN1602	Dyes, liquid, toxic, n.o.s. or Dye intermediates, liquid, toxic, n.o.s.
UN1603	Ethyl bromoacetate
UN1604	Ethylenediamine
UN1605	Ethylene dibromide

UN1606	Ferric arsenate
UN1607	Ferric arsenite
UN1608	Ferrous arsenate
UN1611	Hexaethyl tetraphosphate
UN1612	Hexaethyl tetraphosphate and compressed gas mixtures
UN1613	Hydrocyanic acid, aqueous solutions or hydrogen cyanide, aqueous solutions
UN1614	Hydrogen cyanide, stabilized
UN1616	Lead acetate
UN1617	Lead arsenates
UN1618	Lead arsenites
UN1620	Lead cyanide
UN1621	London purple
UN1622	Magnesium arsenate
UN1623	Mercuric arsenate
UN1624	Mercuric chloride
UN1625	Mercuric nitrate
UN1626	Mercuric potassium cyanide
UN1627	Mercurous nitrate
UN1629	Mercury acetate
UN1630	Mercury ammonium chloride
UN1631	Mercury benzoate
UN1634	Mercury bromides
UN1636	Mercury cyanide
UN1637	Mercury gluconate
UN1638	Mercury iodide
UN1639	Mercury nucleate
UN1640	Mercury oleate
UN1641	Mercury oxide
UN1642	Mercury oxycyanide, desensitized
UN1643	Mercury potassium iodide
UN1644	Mercury salicylate
UN1645	Mercury sulfates
UN1646	Mercury thiocyanate
UN1647	Methyl bromide and ethylene dibromide mixtures, liquid
UN1648	Acetonitrile
UN1649	Motor fuel anti-knock mixtures
UN1650	beta-Naphthylamine, solid
UN1651	Naphthylthiourea
UN1652	Naphthylurea
UN1653	Nickel cyanide
UN1654	Nicotine
UN1655	Nicotine compounds, solid, n.o.s. or Nicotine preparations, solid, n.o.s.
UN1656	Nicotine hydrochloride liquid or solution
UN1657	Nicotine salicylate
UN1658	Nicotine sulfate solution
UN1659	Nicotine tartrate
UN1660	Nitric oxide, compressed
UN1661	Nitroanilines (o-; m-; p-;)
UN1662	Nitrobenzene
UN1663	Nitrophenols (o-; m-; p-;)
UN1664	Nitrotoluenes, liquid
UN1665	Nitroxylbenzenes, liquid
UN1669	Pentachloroethane
UN1670	Perchloromethyl mercaptan
UN1671	Phenol, solid
UN1672	Phenylcarbylamine chloride
UN1673	Phenylenediamines (o-; m-; p-;)
UN1674	Phenylmercuric acetate
UN1677	Potassium arsenate
UN1678	Potassium arsenite
UN1679	Potassium cuprocyanide
UN1680	Potassium cyanide, solid

UN1683	Silver arsenite
UN1684	Silver cyanide
UN1685	Sodium arsenate
UN1686	Sodium arsenite, aqueous solutions
UN1687	Sodium azide
UN1688	Sodium cacodylate
UN1689	Sodium cyanide, solid
UN1690	Sodium fluoride, solid
UN1691	Strontium arsenite
UN1692	Strychnine or Strychnine salts
UN1693	Tear gas substances, liquid, n.o.s.
UN1694	Bromobenzyl cyanides, liquid
UN1695	Chloroacetone, stabilized
UN1697	Chloroacetophenone, solid (CN)
UN1698	Diphenylamine chloroarsine
UN1699	Diphenylchloroarsine, liquid
UN1700	Tear gas candles
UN1701	Xylol bromide, liquid
UN1702	1, 1, 2, 2-Tetrachloroethane
UN1704	Tetraethyl dithiopyrophosphate
UN1707	Thallium compounds, n.o.s.
UN1708	Toluidines, liquid
UN1709	2,4-Toluylenediamine, solid or 2,4-Toluenediamine, solid
UN1710	Trichloroethylene
UN1711	Xylidines, liquid
UN1712	Zinc arsenate or Zinc arsenite or Zinc arsenate and zinc arsenite mixtures
UN1713	Zinc cyanide
UN1714	Zinc phosphide
UN1715	Acetic anhydride
UN1716	Acetyl bromide
UN1717	Acetyl chloride
UN1718	Butyl acid phosphate
UN1719	Caustic alkali liquids, n.o.s.
UN1722	Allyl chloroformate
UN1723	Allyl iodide
UN1724	Allyltrichlorosilane, stabilized
UN1725	Aluminum bromide, anhydrous
UN1726	Aluminum chloride, anhydrous
UN1727	Ammonium hydrogendifluoride, solid
UN1728	Amyltrichlorosilane
UN1729	Anisoyl chloride
UN1730	Antimony pentachloride, liquid
UN1731	Antimony pentachloride, solutions
UN1732	Antimony pentafluoride
UN1733	Antimony trichloride, liquid
UN1733	Antimony trichloride, solid
UN1736	Benzoyl chloride
UN1737	Benzyl bromide
UN1738	Benzyl chloride <i>unstabilized</i>
UN1738	Benzyl chloride
UN1739	Benzyl chloroformate
UN1740	Hydrogendifluoride, solid, n.o.s.
UN1741	Boron trichloride
UN1742	Boron trifluoride acetic acid complex, liquid
UN1743	Boron trifluoride propionic acid complex, liquid
UN1744	Bromine solutions
UN1744	Bromine
UN1745	Bromine pentafluoride
UN1746	Bromine trifluoride
UN1747	Butyltrichlorosilane
UN1748	Calcium hypochlorite, dry or Calcium hypochlorite mixtures dry
UN1749	Chlorine trifluoride
UN1750	Chloroacetic acid, solution
UN1751	Chloroacetic acid, solid

UN1752	Chloroacetyl chloride
UN1753	Chlorophenyltrichlorosilane
UN1754	Chlorosulfonic acid (<i>with or without sulfur trioxide</i>)
UN1755	Chromic acid solution
UN1756	Chromic fluoride, solid
UN1757	Chromic fluoride, solution
UN1758	Chromium oxychloride
UN1759	Corrosive solids, n.o.s.
UN1760	Corrosive liquids, n.o.s.
UN1761	Cupriethylenediamine solution
UN1762	Cyclohexenyltrichlorosilane
UN1763	Cyclohexyltrichlorosilane
UN1764	Dichloroacetic acid
UN1765	Dichloroacetyl chloride
UN1766	Dichlorophenyltrichlorosilane
UN1767	Diethyldichlorosilane
UN1768	Difluorophosphoric acid, anhydrous
UN1769	Diphenyldichlorosilane
UN1770	Diphenylmethyl bromide
UN1771	Dodecyltrichlorosilane
UN1773	Ferric chloride, anhydrous
UN1774	Fire extinguisher charges
UN1775	Fluoroboric acid
UN1776	Fluorophosphoric acid anhydrous
UN1777	Fluorosulfonic acid
UN1778	Fluorosilicic acid
UN1779	Formic acid
UN1780	Fumaryl chloride
UN1781	Hexadecyltrichlorosilane
UN1782	Hexafluorophosphoric acid
UN1783	Hexamethylenediamine solution
UN1784	Hexyltrichlorosilane
UN1786	Hydrofluoric acid and Sulfuric acid mixtures
UN1787	Hydriodic acid
UN1788	Hydrobromic acid
UN1789	Hydrochloric acid
UN1790	Hydrofluoric acid
UN1791	Hypochlorite solutions
UN1792	Iodine monochloride, solid
UN1793	Isopropyl acid phosphate
UN1794	Lead sulfate
UN1796	Nitrating acid mixtures <i>with more than 50 percent nitric acid</i>
UN1796	Nitrating acid mixtures <i>with not more than 50 percent nitric acid</i>
UN1798	Nitrohydrochloric acid
UN1799	Nonyltrichlorosilane
UN1800	Octadecyltrichlorosilane
UN1801	Octyltrichlorosilane
UN1802	Perchloric acid
UN1803	Phenolsulfonic acid, liquid
UN1804	Phenyltrichlorosilane
UN1805	Phosphoric acid solution
UN1806	Phosphorus pentachloride
UN1807	Phosphorus pentoxide
UN1808	Phosphorus tribromide
UN1809	Phosphorus trichloride
UN1810	Phosphorus oxychloride
UN1811	Potassium hydrogendifluoride solid
UN1812	Potassium fluoride, solid
UN1813	Potassium hydroxide, solid
UN1814	Potassium hydroxide, solution
UN1815	Propionyl chloride
UN1816	Propyltrichlorosilane
UN1817	Pyrosulfuryl chloride
UN1818	Silicon tetrachloride

UN1819	Sodium aluminate, solution
UN1823	Sodium hydroxide, solid
UN1824	Sodium hydroxide solution
UN1825	Sodium monoxide
UN1826	Nitrating acid mixtures, spent <i>with not more than 50 percent nitric acid</i>
UN1826	Nitrating acid mixtures, spent <i>with more than 50 percent nitric acid</i>
UN1827	Stannic chloride, anhydrous
UN1828	Sulfur chlorides
UN1829	Sulfur trioxide, stabilized
UN1830	Sulfuric acid <i>with more than 51 percent acid</i>
UN1831	Sulfuric acid, fuming <i>with 30 percent or more free sulfur trioxide</i>
UN1831	Sulfuric acid, fuming <i>with less than 30 percent free sulfur trioxide</i>
UN1832	Sulfuric acid, spent
UN1833	Sulfurous acid
UN1834	Sulfuryl chloride
UN1835	Tetramethylammonium hydroxide solution
UN1836	Thionyl chloride
UN1837	Thiophosphoryl chloride
UN1838	Titanium tetrachloride
UN1839	Trichloroacetic acid
UN1840	Zinc chloride, solution
UN1841	Acetaldehyde ammonia
UN1843	Ammonium dinitro-o-cresolate, solid
UN1845	Carbon dioxide, solid or Dry ice
UN1846	Carbon tetrachloride
UN1847	Potassium sulfide, hydrated
UN1848	Propionic acid
UN1849	Sodium sulfide, hydrated
UN1851	Medicine, liquid, toxic, n.o.s.
UN1854	Barium alloys, pyrophoric
UN1855	Calcium, pyrophoric or Calcium alloys, pyrophoric
UN1856	Rags, oily
UN1857	Textiles waste, wet
UN1858	Hexafluoropropylene, compressed or Refrigerant gas R 1216
UN1859	Silicon tetrafluoride
UN1860	Vinyl fluoride, stabilized
UN1862	Ethyl crotonate
UN1863	Fuel, aviation, turbine engine
UN1865	n-Propyl nitrate
UN1866	Resin solution
UN1868	Decaborane
UN1869	Magnesium or Magnesium alloys
UN1870	Potassium borohydride
UN1871	Titanium hydride
UN1872	Lead dioxide
UN1873	Perchloric acid <i>with more than 50 percent but not more than 72 percent acid, by mass</i>
UN1884	Barium oxide
UN1885	Benzidine
UN1886	Benzylidene chloride
UN1887	Bromochloromethane
UN1888	Chloroform
UN1889	Cyanogen bromide
UN1891	Ethyl bromide
UN1892	Ethylchloroarsine
UN1894	Phenylmercuric hydroxide
UN1895	Phenylmercuric nitrate
UN1897	Tetrachloroethylene
UN1898	Acetyl iodide
UN1902	Diisooctyl acid phosphate

UN1903	Disinfectant, liquid, corrosive n.o.s.
UN1905	Selenic acid
UN1906	Sludge, acid
UN1907	Soda lime
UN1908	Chlorite solution
UN1910	Calcium oxide
UN1911	Diborane
UN1912	Methyl chloride and methylene chloride mixtures
UN1913	Neon, refrigerated liquid
UN1914	Butyl propionates
UN1915	Cyclohexanone
UN1916	2,2'-Dichlorodiethyl ether
UN1917	Ethyl acrylate, stabilized
UN1918	Isopropylbenzene
UN1919	Methyl acrylate, stabilized
UN1920	Nonanes
UN1921	Propyleneimine, stabilized
UN1922	Pyrrolidine
UN1923	Calcium dithionite or Calcium hydrosulfite
UN1928	Methyl magnesium bromide, in ethyl ether
UN1929	Potassium dithionite or Potassium hydrosulfite
UN1931	Zinc dithionite or Zinc hydrosulfite
UN1932	Zirconium scrap
UN1935	Cyanide solutions, n.o.s.
UN1938	Bromoacetic acid solution
UN1939	Phosphorus oxybromide
UN1940	Thioglycolic acid
UN1941	Dibromodifluoromethane
UN1942	Ammonium nitrate
UN1944	Matches, safety
UN1945	Matches, wax, Vesta
UN1950	Aerosols
UN1950	Aerosols, flammable, n.o.s.
UN1951	Argon, refrigerated liquid
UN1952	Ethylene oxide and carbon dioxide mixtures
UN1953	Compressed gas, toxic, flammable, n.o.s.
UN1954	Compressed gases, flammable, n.o.s.
UN1955	Compressed gas, toxic, n.o.s.
UN1956	Compressed gas, n.o.s.
UN1957	Deuterium, compressed
UN1958	1,2-Dichloro-1,1,2,2-Tetrafluoroethane or Refrigerant gas, R114
UN1959	1,1-Difluoroethylene or Refrigerant gas R 1132a
UN1961	Ethane, refrigerated liquid
UN1962	Ethylene
UN1963	Helium, refrigerated liquid
UN1964	Hydrocarbon gas mixture, compressed, n.o.s.
UN1965	Hydrocarbon gas mixture, liquefied, n.o.s.
UN1966	Hydrogen, refrigerated liquid
UN1967	Insecticide gases, toxic, n.o.s.
UN1968	Insecticide gases, n.o.s.
UN1969	Isobutane
UN1970	Krypton, refrigerated liquid (<i>cryogenic liquid</i>)
UN1971	Methane, compressed or Natural gas, compressed
UN1972	Methane, refrigerated liquid or Natural gas, refrigerated liquid
UN1973	Chlorodifluoromethane and chloropentafluoroethane mixture or Refrigerant gas R 502

UN1974	Chlorodifluorobromomethane or Refrigerant gas R 12B1
UN1975	Nitric oxide and dinitrogen tetroxide mixtures or Nitric oxide and nitrogen dioxide mixtures
UN1976	Octafluorocyclobutane or Refrigerant gas R C318
UN1977	Nitrogen, refrigerated liquid
UN1978	Propane see also Petroleum gases, liquefied
UN1982	Tetrafluoromethane or Refrigerant gas R 14
UN1983	1-Chloro-2,2,2-trifluoroethane or Refrigerant gas R 133a
UN1984	Trifluoromethane or Refrigerant gas R 23
UN1986	Alcohols, flammable, toxic, n.o.s.
UN1987	Alcohols, n.o.s.
UN1988	Aldehydes, flammable, toxic, n.o.s.
UN1989	Aldehydes, n.o.s.
UN1990	Benzaldehyde
UN1991	Chloroprene, stabilized
UN1992	Flammable liquids, toxic, n.o.s.
UN1993	Flammable liquids, n.o.s.
UN1994	Iron pentacarbonyl
UN1999	Tars, liquid
UN2000	Celluloid
UN2001	Cobalt naphthenates, powder
UN2002	Celluloid, scrap
UN2004	Magnesium diamide
UN2006	Plastics, nitrocellulose-based, self-heating, n.o.s.
UN2008	Zirconium powder, dry
UN2009	Zirconium, dry
UN2010	Magnesium hydride
UN2011	Magnesium phosphide
UN2012	Potassium phosphide
UN2013	Strontium phosphide
UN2014	Hydrogen peroxide, aqueous solutions
UN2015	Hydrogen peroxide, stabilized or Hydrogen peroxide aqueous solutions, stabilized
UN2016	Ammunition, toxic, non-explosive
UN2017	Ammunition, tear-producing, non-explosive
UN2018	Chloroanilines, solid
UN2019	Chloroanilines, liquid
UN2020	Chlorophenols, solid
UN2021	Chlorophenols, liquid
UN2022	Cresylic acid
UN2023	Epichlorohydrin
UN2024	Mercury compounds, liquid, n.o.s.
UN2025	Mercury compounds, solid, n.o.s.
UN2026	Phenylmercuric compounds, n.o.s.
UN2027	Sodium arsenite, solid
UN2028	Bombs, smoke, non-explosive
UN2029	Hydrazine, anhydrous
UN2030	Hydrazine aqueous solutions
UN2031	Nitric acid <i>other than red fuming, with at least 65 percent, but not more than 70 percent nitric acid</i>
UN2031	Nitric acid <i>other than red fuming, with less than 65 percent nitric acid</i>
UN2031	Nitric acid <i>other than red fuming, with more than 70 percent nitric acid</i>
UN2031	Nitric acid <i>other than red fuming, with not more than 20 percent nitric acid</i>
UN2032	Nitric acid, red fuming
UN2033	Potassium monoxide

UN2034	Hydrogen and Methane mixtures, compressed
UN2035	1,1,1-Trifluoroethane, compressed or Refrigerant gas R 143a
UN2036	Xenon, compressed
UN2037	Gas cartridges
UN2037	Receptacles, small, containing gas or gas cartridges (<i>flammable</i>) <i>without release device, not refillable and not exceeding 1 L capacity</i>
UN2037	Receptacles, small, containing gas or gas cartridges (<i>non-flammable</i>) <i>without release device, not refillable and not exceeding 1 L capacity</i>
UN2037	Receptacles, small, containing gas or gas cartridges (<i>oxidizing</i>) <i>without release device, not refillable and not exceeding 1 L capacity</i>
UN2038	Dinitrotoluenes
UN2044	2,2-Dimethylpropane
UN2045	Isobutyraldehyde or Isobutyl aldehyde
UN2046	Cymenes
UN2047	Dichloropropenes
UN2048	Dicyclopentadiene
UN2049	Diethylbenzene
UN2050	Diisobutylene, isomeric compounds
UN2051	2-Dimethylaminoethanol
UN2052	Dipentene
UN2053	Methyl isobutyl carbinol
UN2054	Morpholine
UN2055	Styrene monomer, stabilized
UN2056	Tetrahydrofuran
UN2057	Tripropylene
UN2058	Valeraldehyde
UN2059	Nitrocellulose, solution, flammable <i>with not more than 12.6 percent nitrogen, by mass, and not more than 55 percent nitrocellulose</i>
UN2067	Ammonium nitrate based fertilizers
UN2071	Ammonium nitrate based fertilizers
UN2073	Ammonia solutions
UN2074	Acrylamide, solid
UN2075	Chloral, anhydrous, stabilized
UN2076	Cresols, liquid
UN2077	alpha-Naphthylamine
UN2078	Toluene diisocyanate
UN2079	Diethylenetriamine
UN2186	Hydrogen chloride, refrigerated liquid
UN2187	Carbon dioxide, refrigerated liquid
UN2188	Arsine
UN2189	Dichlorosilane
UN2190	Oxygen difluoride, compressed
UN2191	Sulfuryl fluoride
UN2192	Germane
UN2193	Hexafluoroethane or Refrigerant gas R 116
UN2194	Selenium hexafluoride
UN2195	Tellurium hexafluoride
UN2196	Tungsten hexafluoride
UN2197	Hydrogen iodide, anhydrous
UN2198	Phosphorus Pentafluoride
UN2199	Phosphine
UN2200	Propadiene, stabilized
UN2201	Nitrous oxide, refrigerated liquid
UN2202	Hydrogen selenide, anhydrous
UN2203	Silane
UN2204	Carbonyl sulfide
UN2205	Adiponitrile
UN2206	Isocyanates, toxic, n.o.s. or Isocyanate, solutions, toxic, n.o.s.

UN2208	Calcium hypochlorite mixtures, dry
UN2209	Formaldehyde, solutions
UN2210	Maneb or Maneb preparations
UN2211	Polymeric beads, expandable
UN2212	Asbestos, amphibole
UN2213	Paraformaldehyde
UN2214	Phthalic anhydride
UN2215	Maleic anhydride
UN2215	Maleic anhydride, molten
UN2216	Fish meal, stabilized or Fish scrap, stabilized
UN2217	Seed cake
UN2218	Acrylic acid, stabilized
UN2219	Allyl glycidyl ether
UN2222	Anisole
UN2224	Benzonitrile
UN2225	Benzene sulfonyl chloride
UN2226	Benzotrichloride
UN2227	n-Butyl methacrylate, stabilized
UN2232	2-Chloroethanal
UN2233	Chloroanisidines
UN2234	Chlorobenzotrifluorides
UN2235	Chlorobenzyl chlorides, liquid
UN2236	3-Chloro-4-methylphenyl isocyanate, liquid
UN2237	Chloronitroanilines
UN2238	Chlorotoluenes
UN2239	Chlorotoluidines, solid
UN2240	Chromosulfuric acid
UN2241	Cycloheptane
UN2242	Cycloheptene
UN2243	Cyclohexyl acetate
UN2244	Cyclopentanol
UN2245	Cyclopentanone
UN2246	Cyclopentene
UN2247	n-Decane
UN2248	Di-n-butylamine
UN2249	Dichlorodimethyl ether, symmetrical
UN2250	Dichlorophenyl isocyanates
UN2251	Bicyclo[2,2,1]hepta-2,5-diene, stabilized or 2,5-Norbornadiene stabilized
UN2252	1,2-Dimethoxyethane
UN2253	N,N-Dimethylaniline
UN2254	Matches, fusee
UN2256	Cyclohexene
UN2257	Potassium
UN2258	1,2-Propylenediamine
UN2259	Triethylenetetramine
UN2260	Tripropylamine
UN2261	Xylenols, solid
UN2262	Dimethylcarbamoyl chloride
UN2263	Dimethylcyclohexanes
UN2264	N,N-Dimethylcyclohexylamine
UN2265	N,N-Dimethylformamide
UN2266	Dimethyl-N-propylamine
UN2267	Dimethyl thiophosphoryl chloride
UN2269	3,3'-Iminodipropylamine
UN2270	Ethylamine, aqueous solution
UN2271	Ethyl amyl ketone
UN2272	n-Ethylaniline
UN2273	2-Ethylaniline
UN2274	N-Ethyl-N-benzylaniline
UN2275	2-Ethylbutanol
UN2276	2-Ethylhexylamine
UN2277	Ethyl methacrylate, stabilized
UN2278	n-Heptene
UN2279	Hexachlorobutadiene
UN2280	Hexamethylenediamine, solid

UN2281	Hexamethylene diisocyanate
UN2282	Hexanols
UN2283	Isobutyl methacrylate, stabilized
UN2284	Isobutyronitrile
UN2285	Isocyanatobenzotrifluorides
UN2286	Pentamethylheptane
UN2287	Isoheptenes
UN2288	Isohexenes
UN2289	Isophoronediamine
UN2290	Isophorone diisocyanate
UN2291	Lead compounds, soluble, n.o.s.
UN2293	4-Methoxy-4-methylpentan-2-one
UN2294	N-Methylaniline
UN2295	Methyl chloroacetate
UN2296	Methylcyclohexane
UN2297	Methylcyclohexanone
UN2298	Methylcyclopentane
UN2299	Methyl dichloroacetate
UN2300	2-Methyl-5-ethylpyridine
UN2301	2-Methylfuran
UN2302	5-Methylhexan-2-one
UN2303	Isopropenylbenzene
UN2304	Naphthalene, molten
UN2305	Nitrobenzenesulfonic acid
UN2306	Nitrobenzotrifluorides, liquid
UN2307	3-Nitro-4-chlorobenzotrifluoride
UN2308	Nitrosylsulfuric acid, liquid
UN2309	Octadiene
UN2310	Pentane-2,4-dione
UN2311	Phenetidines
UN2312	Phenol, molten
UN2313	Picolines
UN2315	Polychlorinated biphenyls, liquid
UN2316	Sodium cuprocyanide, solid
UN2317	Sodium cuprocyanide, solution
UN2318	Sodium hydrosulfide
UN2319	Terpene hydrocarbons, n.o.s.
UN2320	Tetraethylenepentamine
UN2321	Trichlorobenzenes, liquid
UN2322	Trichlorobutene
UN2323	Triethyl phosphite
UN2324	Triisobutylene
UN2325	1,3,5-Trimethylbenzene
UN2326	Trimethylcyclohexylamine
UN2327	Trimethylhexamethylenediamines
UN2328	Trimethylhexamethylene diisocyanate
UN2329	Trimethyl phosphite
UN2330	Undecane
UN2331	Zinc chloride, anhydrous
UN2332	Acetaldehyde oxime
UN2333	Allyl acetate
UN2334	Allylamine
UN2335	Allyl ethyl ether
UN2336	Allyl formate
UN2337	Phenyl mercaptan
UN2338	Benzotrifluoride
UN2339	2-Bromobutane
UN2340	2-Bromoethyl ethyl ether
UN2341	1-Bromo-3-methylbutane
UN2342	Bromomethylpropanes
UN2343	2-Bromopentane
UN2344	Bromopropanes
UN2345	3-Bromopropyne
UN2346	Butanedione
UN2347	Butyl mercaptans
UN2348	Butyl acrylates, stabilized
UN2350	Butyl methyl ether
UN2351	Butyl nitrites
UN2352	Butyl vinyl ether, stabilized

UN2353	Butyryl chloride
UN2354	Chloromethyl ethyl ether
UN2356	2-Chloropropane
UN2357	Cyclohexylamine
UN2358	Cyclooctatetraene
UN2359	Diallylamine
UN2360	Diallylether
UN2361	Diisobutylamine
UN2362	1,1-Dichloroethane
UN2363	Ethyl mercaptan
UN2364	n-Propyl benzene
UN2366	Diethyl carbonate
UN2367	alpha-Methylvaleraldehyde
UN2368	alpha-Pinene
UN2370	1-Hexene
UN2371	Isopentenes
UN2372	1,2-Di-(dimethylamino)ethane
UN2373	Diethoxymethane
UN2374	3,3-Diethoxypropene
UN2375	Diethyl sulfide
UN2376	2,3-Dihydropyran
UN2377	1,1-Dimethoxyethane
UN2378	2-Dimethylaminoacetone
UN2379	1,3-Dimethylbutylamine
UN2380	Dimethyldiethoxysilane
UN2381	Dimethyl disulfide
UN2382	Dimethylhydrazine, symmetrical
UN2383	Dipropylamine
UN2384	Di-n-propyl ether
UN2385	Ethyl isobutyrate
UN2386	1-Ethylpiperidine
UN2387	Fluorobenzene
UN2388	Fluorotoluenes
UN2389	Furan
UN2390	2-Iodobutane
UN2391	Iodomethylpropanes
UN2392	Iodopropanes
UN2393	Isobutyl formate
UN2394	Isobutyl propionate
UN2395	Isobutyryl chloride
UN2396	Methacrylaldehyde, stabilized
UN2397	3-Methylbutan-2-one
UN2398	Methyl tert-butyl ether
UN2399	1-Methylpiperidine
UN2400	Methyl isovalerate
UN2401	Piperidine
UN2402	Propanethiols
UN2403	Isopropenyl acetate
UN2404	Propionitrile
UN2405	Isopropyl butyrate
UN2406	Isopropyl isobutyrate
UN2407	Isopropyl chloroformate
UN2409	Isopropyl propionate
UN2410	1,2,3,6-Tetrahydropyridine
UN2411	Butyronitrile
UN2412	Tetrahydrothiophene
UN2413	Tetrapropylorthotitanate
UN2414	Thiophene
UN2416	Trimethyl borate
UN2417	Carbonyl fluoride
UN2418	Sulfur tetrafluoride
UN2419	Bromotrifluoroethylene
UN2420	Hexafluoroacetone
UN2421	Nitrogen trioxide
UN2422	Octafluorobut-2-ene or Refrigerant gas R 1318
UN2424	Octafluoropropane or Refrigerant gas R 218
UN2426	Ammonium nitrate, liquid

UN2427	Potassium chlorate, aqueous solution
UN2428	Sodium chlorate, aqueous solution
UN2429	Calcium chlorate aqueous solution
UN2430	Alkylphenols, solid, n.o.s.
UN2431	Anisidines
UN2432	N,N-Diethylaniline
UN2433	Chloronitrotoluenes, liquid
UN2434	Dibenzylchlorosilane
UN2435	Ethylphenyldichlorosilane
UN2436	Thioacetic acid
UN2437	Methylphenyldichlorosilane
UN2438	Trimethylacetyl chloride
UN2439	Sodium hydrogendifluoride
UN2440	Stannic chloride, pentahydrate
UN2441	Titanium trichloride, pyrophoric or Titanium trichloride mixtures, pyrophoric
UN2442	Trichloroacetyl chloride
UN2443	Vanadium oxytrichloride
UN2444	Vanadium tetrachloride
UN2446	Nitrocresols, solid
UN2447	Phosphorus white, molten
UN2448	Sulfur, molten
UN2451	Nitrogen trifluoride
UN2452	Ethylacetylene, stabilized
UN2453	Ethyl fluoride or Refrigerant gas R 161
UN2454	Methyl fluoride or Refrigerant gas R 41
UN2456	2-Chloropropene
UN2457	2,3-Dimethylbutane
UN2458	Hexadienes
UN2459	2-Methyl-1-butene
UN2460	2-Methyl-2-butene
UN2461	Methylpentadienes
UN2463	Aluminum hydride
UN2464	Beryllium nitrate
UN2465	Dichloroisocyanuric acid, dry or Dichloroisocyanuric acid salts
UN2466	Potassium superoxide
UN2468	Trichloroisocyanuric acid, dry
UN2469	Zinc bromate
UN2470	Phenylacetone, liquid
UN2471	Osmium tetroxide
UN2473	Sodium arsanilate
UN2474	Thiophosgene
UN2475	Vanadium trichloride
UN2477	Methyl isothiocyanate
UN2478	Isocyanates, flammable, toxic, n.o.s. or Isocyanate solutions, flammable, toxic, n.o.s.
UN2480	Methyl isocyanate
UN2481	Ethyl isocyanate
UN2482	n-Propyl isocyanate
UN2483	Isopropyl isocyanate
UN2484	tert-Butyl isocyanate
UN2485	n-Butyl isocyanate
UN2486	Isobutyl isocyanate
UN2487	Phenyl isocyanate
UN2488	Cyclohexyl isocyanate
UN2490	Dichloroisopropyl ether
UN2491	Ethanolamine or Ethanolamine solutions
UN2493	Hexamethylenimine
UN2495	Iodine pentafluoride
UN2496	Propionic anhydride
UN2498	1,2,3,6-Tetrahydrobenzaldehyde
UN2501	Tris-(1-aziridinyl)phosphine oxide, solution
UN2502	Valeryl chloride

UN2503	Zirconium tetrachloride
UN2504	Tetrabromoethane
UN2505	Ammonium fluoride
UN2506	Ammonium hydrogen sulfate
UN2507	Chloroplatinic acid, solid
UN2508	Molybdenum pentachloride
UN2509	Potassium hydrogen sulfate
UN2511	2-Chloropropionic acid
UN2513	Bromoacetyl bromide
UN2514	Bromobenzene
UN2515	Bromoform
UN2516	Carbon tetrabromide
UN2517	1-Chloro-1,1-difluoroethanes or Refrigerant gas R 142b
UN2518	1,5,9-Cyclododecatriene
UN2520	Cyclooctadienes
UN2521	Diketene, stabilized
UN2522	2-Dimethylaminoethyl methacrylate
UN2524	Ethyl orthoformate
UN2525	Ethyl oxalate
UN2526	Furfurylamine
UN2527	Isobutyl acrylate, stabilized
UN2528	Isobutyl isobutyrate
UN2529	Isobutyric acid
UN2531	Methacrylic acid, stabilized
UN2533	Methyl trichloroacetate
UN2534	Methylchlorosilane
UN2535	4-Methylmorpholine or n- methylmorpholine
UN2536	Methyltetrahydrofuran
UN2538	Nitronaphthalene
UN2541	Terpinolene
UN2542	Tributylamine
UN2545	Hafnium powder, dry
UN2546	Titanium powder, dry
UN2547	Sodium superoxide
UN2548	Chlorine pentafluoride
UN2552	Hexafluoroacetone hydrate, liquid
UN2554	Methyl allyl chloride
UN2555	Nitrocellulose with water <i>with not less than 25 percent water, by mass</i>
UN2556	Nitrocellulose with alcohol <i>with not less than 25 percent alcohol by mass, and with not more than 12.6 percent nitrogen, by dry mass</i>
UN2557	Nitrocellulose, <i>with not more than 12.6 percent, by dry mass mixture with or without plasticizer, with or without pigment</i>
UN2558	Epibromohydrin
UN2560	2-Methylpentan-2-ol
UN2561	3-Methyl-1-butene
UN2564	Trichloroacetic acid, solution
UN2565	Dicyclohexylamine
UN2567	Sodium pentachlorophenate
UN2570	Cadmium compounds
UN2571	Alkylsulfuric acids
UN2572	Phenylhydrazine
UN2573	Thallium chlorate
UN2574	Tricresyl phosphate
UN2576	Phosphorus oxybromide, molten
UN2577	Phenylacetyl chloride
UN2578	Phosphorus trioxide
UN2579	Piperazine
UN2580	Aluminum bromide, solution
UN2581	Aluminum chloride, solution
UN2582	Ferric chloride, solution
UN2583	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid

UN2584	Alkyl sulfonic acids, liquid or Aryl sulfonic acids, liquid <i>with more than 5 percent free sulfuric acid</i>
UN2585	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid
UN2586	Alkyl sulfonic acids, liquid or Aryl sulfonic acids, liquid
UN2587	Benzoquinone
UN2588	Pesticides, solid, toxic, n.o.s.
UN2589	Vinyl chloroacetate
UN2590	Asbestos, chrysotile
UN2591	Xenon, refrigerated liquid
UN2599	Chlorotrifluoromethane and trifluoromethane azeotropic mixture or Refrigerant gas R 503
UN2601	Cyclobutane
UN2602	Dichlorodifluoromethane and difluoroethane azeotropic mixture or Refrigerant gas R 500
UN2603	Cycloheptatriene
UN2604	Boron trifluoride diethyl etherate
UN2605	Methoxymethyl isocyanate
UN2606	Methyl orthosilicate
UN2607	Acrolein dimer, stabilized
UN2608	Nitropropanes
UN2609	Triallyl borate
UN2610	Triallylamine
UN2611	Propylene chlorohydrin
UN2612	Methyl propyl ether
UN2614	Methallyl alcohol
UN2615	Ethyl propyl ether
UN2616	Triisopropyl borate
UN2617	Methylcyclohexanols
UN2618	Vinyltoluenes, stabilized
UN2619	Benzyl dimethylamine
UN2620	Amyl butyrates
UN2621	Acetyl methyl carbinol
UN2622	Glycidaldehyde
UN2623	Firelighters, solid
UN2624	Magnesium silicide
UN2626	Chloric acid aqueous solution
UN2627	Nitrites, inorganic, n.o.s.
UN2628	Potassium fluoroacetate
UN2629	Sodium fluoroacetate
UN2630	Selenates or Selenites
UN2642	Fluoroacetic acid
UN2643	Methyl bromoacetate
UN2644	Methyl iodide
UN2645	Phenacyl bromide
UN2646	Hexachlorocyclopentadiene
UN2647	Malononitrile
UN2648	1,2-Dibromobutan-3-one
UN2649	1,3-Dichloroacetone
UN2650	1,1-Dichloro-1-nitroethane
UN2651	4,4'-Diaminodiphenyl methane
UN2653	Benzyl iodide
UN2655	Potassium fluorosilicate
UN2656	Quinoline
UN2657	Selenium disulfide
UN2659	Sodium chloroacetate
UN2660	Nitrotoluidines (mono)
UN2661	Hexachloroacetone
UN2664	Dibromomethane
UN2667	Butyltoluenes
UN2668	Chloroacetonitrile
UN2669	Chlorocresols solution
UN2670	Cyanuric chloride
UN2671	Aminopyridines (o-; m-; p-)
UN2672	Ammonia solutions

UN2673	2-Amino-4-chlorophenol
UN2674	Sodium fluorosilicate
UN2676	Stibine
UN2677	Rubidium hydroxide solution
UN2678	Rubidium hydroxide
UN2679	Lithium hydroxide, solution
UN2680	Lithium hydroxide
UN2681	Caesium hydroxide solution
UN2682	Caesium hydroxide
UN2683	Ammonium sulfide solution
UN2684	3-Diethylamino-propylamine
UN2685	N,N-Diethylethylenediamine
UN2686	2-Diethylaminoethanol
UN2687	Dicyclohexylammonium nitrite
UN2688	1-Bromo-3-chloropropane
UN2689	Glycerol alpha-monochlorohydrin
UN2690	N-n-Butyl imidazole
UN2691	Phosphorus pentabromide
UN2692	Boron tribromide
UN2693	Bisulfites, aqueous solutions, n.o.s.
UN2698	Tetrahydrophthalic anhydrides
UN2699	Trifluoroacetic acid
UN2705	1-Pentol
UN2707	Dimethyldioxanes
UN2709	Butyl benzenes
UN2710	Dipropyl ketone
UN2713	Acridine
UN2714	Zinc resinate
UN2715	Aluminum resinate
UN2716	1,4-Butynediol
UN2717	Camphor
UN2719	Barium bromate
UN2720	Chromium nitrate
UN2721	Copper chlorate
UN2722	Lithium nitrate
UN2723	Magnesium chlorate
UN2724	Manganese nitrate
UN2725	Nickel nitrate
UN2726	Nickel nitrite
UN2727	Thallium nitrate
UN2728	Zirconium nitrate
UN2729	Hexachlorobenzene
UN2730	Nitroanisole, liquid
UN2732	Nitrobromobenzenes, liquid
UN2733	Amines, flammable, corrosive, n.o.s. or Polyamines, flammable, corrosive, n.o.s.
UN2734	Amines, liquid, corrosive, flammable, n.o.s. or Polyamines, liquid, corrosive, flammable, n.o.s.
UN2735	Amines, liquid, corrosive, n.o.s. or Polyamines, liquid, corrosive, n.o.s.
UN2738	N-Butylaniline
UN2739	Butyric anhydride
UN2740	n-Propyl chloroformate
UN2741	Barium hypochlorite <i>with more than 22 percent available chlorine</i>
UN2742	Chloroformates, toxic, corrosive, flammable, n.o.s.
UN2743	n-Butyl chloroformate
UN2744	Cyclobutyl chloroformate
UN2745	Chloromethyl chloroformate
UN2746	Phenyl chloroformate
UN2747	tert-Butylcyclohexylchloroformate
UN2748	2-Ethylhexyl chloroformate
UN2749	Tetramethylsilane
UN2750	1,3-Dichloropropanol-2

UN2751	Diethylthiophosphoryl chloride
UN2752	1,2-Epoxy-3-ethoxypropane
UN2753	N-Ethylbenzyltoluidines liquid
UN2754	N-Ethyltoluidines
UN2757	Carbamate pesticides, solid, toxic
UN2758	Carbamate pesticides, liquid, flammable, toxic
UN2759	Arsenical pesticides, solid, toxic
UN2760	Arsenical pesticides, liquid, flammable, toxic
UN2761	Organochlorine pesticides, solid toxic
UN2762	Organochlorine pesticides liquid, flammable, toxic
UN2763	Triazine pesticides, solid, toxic
UN2764	Triazine pesticides, liquid, flammable, toxic
UN2771	Thiocarbamate pesticides, solid, toxic
UN2772	Thiocarbamate pesticide, liquid, flammable, toxic
UN2775	Copper based pesticides, solid, toxic
UN2776	Copper based pesticides, liquid, flammable, toxic
UN2777	Mercury based pesticides, solid, toxic
UN2778	Mercury based pesticides, liquid, flammable, toxic
UN2779	Substituted nitrophenol pesticides, solid, toxic
UN2780	Substituted nitrophenol pesticides, liquid, flammable, toxic
UN2781	Bipyridilium pesticides, solid, toxic
UN2782	Bipyridilium pesticides, liquid, flammable, toxic
UN2783	Organophosphorus pesticides, solid, toxic
UN2784	Organophosphorus pesticides, liquid, flammable, toxic
UN2785	4-Thiapentanal
UN2786	Organotin pesticides, solid, toxic
UN2787	Organotin pesticides, liquid, flammable, toxic
UN2788	Organotin compounds, liquid, n.o.s.
UN2789	Acetic acid, glacial or Acetic acid solution
UN2790	Acetic acid solution
UN2793	Ferrous metal borings or Ferrous metal shavings or Ferrous metal turnings or Ferrous metal cuttings
UN2794	Batteries, wet, filled with acid, <i>electric storage</i>
UN2795	Batteries, wet, filled with alkali, <i>electric storage</i>
UN2796	Battery fluid, acid
UN2796	Sulfuric acid <i>with not more than 51% percent; acid</i>
UN2797	Battery fluid, alkali
UN2798	Phenyl phosphorus dichloride
UN2799	Phenyl phosphorus thiodichloride
UN2800	Batteries, wet, non-spillable, <i>electric storage</i>
UN2801	Dyes, liquid, corrosive n.o.s. or Dye intermediates, liquid, n.o.s.
UN2802	Copper chloride
UN2803	Gallium
UN2805	Lithium hydride, fused solid
UN2806	Lithium nitride
UN2809	Mercury
UN2810	Toxic, liquids, organic, n.o.s.
UN2811	Toxic solids, organic, n.o.s.
UN2812	Sodium aluminate, solid
UN2813	Water-reactive solid, n.o.s.

UN2814	Infectious substances, affecting humans
UN2815	N-Aminoethylpiperazine
UN2817	Ammonium hydrogendifluoride, solution
UN2818	Ammonium polysulfide, solution
UN2819	Amyl acid phosphate
UN2820	Butyric acid
UN2821	Phenol solutions
UN2822	2-Chloropyridine
UN2823	Crotonic acid
UN2826	Ethyl chlorothioformate
UN2829	Caproic acid
UN2830	Lithium ferrosilicon
UN2831	1,1,1-Trichloroethane
UN2834	Phosphorous acid
UN2835	Sodium aluminum hydride
UN2837	Bisulfate, aqueous solution
UN2838	Vinyl butyrate, stabilized
UN2839	Aldol
UN2840	Butyraldoxime
UN2841	Di-n-amylamine
UN2842	Nitroethane
UN2844	Calcium manganese silicon
UN2845	Pyrophoric liquids, organic, n.o.s.
UN2846	Pyrophoric solids, organic, n.o.s.
UN2849	3-Chloropropanol-1
UN2850	Propylene tetramer
UN2851	Boron trifluoride dihydrate
UN2852	Dipicryl sulfide, wetted
UN2853	Magnesium fluorosilicate
UN2854	Ammonium fluorosilicate
UN2855	Zinc fluorosilicate
UN2856	Fluorosilicates, n.o.s.
UN2857	Refrigerating machines
UN2858	Zirconium, dry
UN2859	Ammonium metavanadate
UN2861	Ammonium polyvanadate
UN2862	Vanadium pentoxide
UN2863	Sodium ammonium vanadate
UN2864	Potassium metavanadate
UN2865	Hydroxylamine sulfate
UN2869	Titanium trichloride mixtures
UN2870	Aluminum borohydride or Aluminum borohydride in devices
UN2871	Antimony powder
UN2872	Dibromochloropropane
UN2873	Dibutylaminoethanol
UN2874	Furfuryl alcohol
UN2875	Hexachlorophene
UN2876	Resorcinol
UN2878	Titanium sponge granules or Titanium sponge powders
UN2879	Selenium oxychloride
UN2880	Calcium hypochlorite, hydrated or Calcium hypochlorite, hydrated mixtures
UN2881	Metal catalyst, dry
UN2900	Infectious substances, affecting animals
UN2901	Bromine chloride
UN2902	Pesticides, liquid, toxic, n.o.s.
UN2903	Pesticides, liquid, toxic, flammable, n.o.s.
UN2904	Chlorophenolates, liquid or Phenolates, liquid
UN2905	Chlorophenolates, solid or Phenolates, solid
UN2907	Isosorbide dinitrate mixture

UN2908	Radioactive material, excepted package-empty packaging
UN2909	Radioactive material, excepted package-articles manufactured from natural uranium or depleted uranium or natural thorium
UN2910	Radioactive material, excepted package-limited quantity of material
UN2911	Radioactive material, excepted package-instruments or articles
UN2912	Radioactive material, low specific activity (LSA-I).
UN2913	Radioactive material, surface contaminated objects (SCO-I or SCO-II)
UN2915	Radioactive material, Type A package
UN2916	Radioactive material, Type B(U) package
UN2917	Radioactive material, Type B(M) package
UN2919	Radioactive material, transported under special arrangement
UN2920	Corrosive liquids, flammable, n.o.s.
UN2921	Corrosive solids, flammable, n.o.s.
UN2922	Corrosive liquids, toxic, n.o.s.
UN2923	Corrosive solids, toxic, n.o.s.
UN2924	Flammable liquids, corrosive, n.o.s.
UN2925	Flammable solids, corrosive, organic, n.o.s.
UN2926	Flammable solids, toxic, organic, n.o.s.
UN2927	Toxic liquids, corrosive, organic, n.o.s.
UN2928	Toxic solids, corrosive, organic, n.o.s.
UN2929	Toxic liquids, flammable, organic, n.o.s.
UN2930	Toxic solids, flammable, organic, n.o.s.
UN2931	Vanadyl sulfate
UN2933	Methyl 2-chloropropionate
UN2934	Isopropyl 2-chloropropionate
UN2935	Ethyl 2-chloropropionate
UN2936	Thiolactic acid
UN2937	alpha-Methylbenzyl alcohol, liquid
UN2940	9-Phosphabicyclononanes or Cyclooctadiene phosphines
UN2941	Fluoroanilines
UN2942	2-Trifluoromethylaniline
UN2943	Tetrahydrofurfurylamine
UN2945	N-Methylbutylamine
UN2946	2-Amino-5-diethylaminopentane
UN2947	Isopropyl chloroacetate
UN2948	3-Trifluoromethylaniline
UN2949	Sodium hydrosulfide
UN2950	Magnesium granules, coated
UN2956	5-tert-Butyl-2,4,6-trinitro-m-xylene or Musk xylene
UN2965	Boron trifluoride dimethyl etherate
UN2966	Thioglycol
UN2967	Sulfamic acid
UN2968	Maneb stabilized or Maneb preparations, stabilized
UN2969	Castor beans or Castor meal or Castor pomace or Castor flake
UN2977	Radioactive material, uranium hexafluoride, fissile
UN2978	Radioactive material, uranium hexafluoride
UN2983	Ethylene oxide and propylene oxide mixtures

UN2984	Hydrogen peroxide, aqueous solutions
UN2985	Chlorosilanes, flammable, corrosive, n.o.s.
UN2986	Chlorosilanes, corrosive, flammable, n.o.s.
UN2987	Chlorosilanes, corrosive, n.o.s.
UN2988	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.
UN2989	Lead phosphite, dibasic
UN2990	Life-saving appliances, self inflating
UN2991	Carbamate pesticides, liquid, toxic, flammable
UN2992	Carbamate pesticides, liquid, toxic
UN2993	Arsenical pesticides, liquid, toxic, flammable
UN2994	Arsenical pesticides, liquid, toxic
UN2995	Organochlorine pesticides, liquid, toxic, flammable
UN2996	Organochlorine pesticides, liquid, toxic
UN2997	Triazine pesticides, liquid, toxic, flammable
UN2998	Triazine pesticides, liquid, toxic
UN3002	Phenyl urea pesticides, liquid, toxic
UN3005	Thiocarbamate pesticide, liquid, toxic, flammable
UN3006	Thiocarbamate pesticide, liquid, toxic
UN3009	Copper based pesticides, liquid, toxic, flammable
UN3010	Copper based pesticides, liquid, toxic
UN3011	Mercury based pesticides, liquid, toxic, flammable
UN3012	Mercury based pesticides, liquid, toxic
UN3013	Substituted nitrophenol pesticides, liquid, toxic, flammable
UN3014	Substituted nitrophenol pesticides, liquid, toxic
UN3015	Bipyridilium pesticides, liquid, toxic, flammable
UN3016	Bipyridilium pesticides, liquid, toxic
UN3017	Organophosphorus pesticides, liquid, toxic, flammable
UN3018	Organophosphorus pesticides, liquid, toxic
UN3019	Organotin pesticides, liquid, toxic, flammable
UN3020	Organotin pesticides, liquid, toxic
UN3021	Pesticides, liquid, flammable, toxic
UN3022	1,2-Butylene oxide, stabilized
UN3023	2-Methyl-2-heptanethiol
UN3024	Coumarin derivative pesticides, liquid, flammable, toxic
UN3025	Coumarin derivative pesticides, liquid, toxic, flammable
UN3026	Coumarin derivative pesticides, liquid, toxic
UN3027	Coumarin derivative pesticides, solid, toxic
UN3028	Batteries, dry, containing potassium hydroxide solid, <i>electric storage</i>
UN3048	Aluminum phosphide pesticides
UN3054	Cyclohexyl mercaptan
UN3055	2-(2-Aminoethoxy) ethanol
UN3056	n-Heptaldehyde
UN3057	Trifluoroacetyl chloride
UN3064	Nitroglycerin, solution in alcohol
UN3065	Alcoholic beverages
UN3066	Paint or Paint related material

UN3070	Ethylene oxide and dichlorodifluoromethane mixture
UN3071	Mercaptans, liquid, toxic, flammable, n.o.s. or Mercaptan mixtures, liquid, toxic, flammable, n.o.s.
UN3072	Life-saving appliances, not self inflating
UN3073	Vinylpyridines, stabilized
UN3077	Environmentally hazardous substances, solid, n.o.s.
UN3078	Cerium
UN3079	Methacrylonitrile, stabilized
UN3080	Isocyanates, toxic, flammable, n.o.s. or Isocyanate solutions, toxic, flammable, n.o.s.
UN3082	Environmentally hazardous substances, liquid, n.o.s.
UN3083	Perchloryl fluoride
UN3084	Corrosive solids, oxidizing, n.o.s.
UN3085	Oxidizing solid, corrosive, n.o.s.
UN3086	Toxic solids, oxidizing, n.o.s.
UN3087	Oxidizing solid, toxic, n.o.s.
UN3088	Self-heating, solid, organic, n.o.s.
UN3089	Metal powders, flammable, n.o.s.
UN3090	Lithium metal batteries <i>including lithium alloy batteries</i>
UN3091	Lithium metal batteries contained in equipment <i>including lithium alloy batteries</i>
UN3091	Lithium metal batteries packed with equipment <i>including lithium alloy batteries</i>
UN3092	1-Methoxy-2-propanol
UN3093	Corrosive liquids, oxidizing, n.o.s.
UN3094	Corrosive liquids, water-reactive, n.o.s.
UN3095	Corrosive solids, self-heating, n.o.s.
UN3096	Corrosive solids, water-reactive, n.o.s.
UN3097	Flammable solid, oxidizing, n.o.s.
UN3098	Oxidizing liquid, corrosive, n.o.s.
UN3099	Oxidizing liquid, toxic, n.o.s.
UN3100	Oxidizing solid, self-heating, n.o.s.
UN3101	Organic peroxide type B, liquid
UN3102	Organic peroxide type B, solid
UN3103	Organic peroxide type C, liquid
UN3104	Organic peroxide type C, solid
UN3105	Organic peroxide type D, liquid
UN3106	Organic peroxide type D, solid
UN3107	Organic peroxide type E, liquid
UN3108	Organic peroxide type E, solid
UN3109	Organic peroxide type F, liquid
UN3110	Organic peroxide type F, solid
UN3111	Organic peroxide type B, liquid, temperature controlled
UN3112	Organic peroxide type B, solid, temperature controlled
UN3113	Organic peroxide type C, liquid, temperature controlled
UN3114	Organic peroxide type C, solid, temperature controlled
UN3115	Organic peroxide type D, liquid, temperature controlled
UN3116	Organic peroxide type D, solid, temperature controlled
UN3117	Organic peroxide type E, liquid, temperature controlled

UN3118	Organic peroxide type E, solid, temperature controlled
UN3119	Organic peroxide type F, liquid, temperature controlled
UN3120	Organic peroxide type F, solid, temperature controlled
UN3121	Oxidizing solid, water-reactive, n.o.s.
UN3122	Toxic liquids, oxidizing, n.o.s.
UN3123	Toxic liquids, water-reactive, n.o.s.
UN3124	Toxic solids, self-heating, n.o.s.
UN3125	Toxic solids, water-reactive, n.o.s.
UN3126	Self-heating, solid, corrosive, organic, n.o.s.
UN3127	Self-heating, solid, oxidizing, n.o.s.
UN3128	Self-heating, solid, toxic, organic, n.o.s.
UN3129	Water-reactive liquid, corrosive, n.o.s.
UN3130	Water-reactive liquid, toxic, n.o.s.
UN3131	Water-reactive solid, corrosive, n.o.s.
UN3132	Water-reactive solid, flammable, n.o.s.
UN3133	Water-reactive solid, oxidizing, n.o.s.
UN3134	Water-reactive solid, toxic, n.o.s.
UN3135	Water-reactive solid, self-heating, n.o.s.
UN3136	Trifluoromethane, refrigerated liquid
UN3137	Oxidizing solid, flammable, n.o.s.
UN3138	Ethylene, acetylene and propylene mixtures, refrigerated liquid
UN3139	Oxidizing liquid, n.o.s.
UN3140	Alkaloids, liquid, n.o.s. or Alkaloid salts, liquid, n.o.s.
UN3141	Antimony compounds, inorganic, liquid, n.o.s.
UN3142	Disinfectants, liquid, toxic, n.o.s.
UN3143	Dyes, solid, toxic, n.o.s. or Dye intermediates, solid, toxic, n.o.s.
UN3144	Nicotine compounds, liquid, n.o.s. or Nicotine preparations, liquid, n.o.s.
UN3145	Alkylphenols, liquid, n.o.s.
UN3146	Organotin compounds, solid, n.o.s.
UN3147	Dyes, solid, corrosive, n.o.s. or Dye intermediates, solid, corrosive, n.o.s.
UN3148	Water-reactive liquid, n.o.s.
UN3149	Hydrogen peroxide and peroxyacetic acid mixtures, stabilized
UN3150	Devices, small, hydrocarbon gas powered or Hydrocarbon gas refills for small devices
UN3151	Polyhalogenated biphenyls, liquid or Polyhalogenated terphenyls liquid
UN3152	Polyhalogenated biphenyls, solid or Polyhalogenated terphenyls, solid
UN3153	Perfluoro (methyl vinyl ether)
UN3154	Perfluoro (ethyl vinyl ether)
UN3155	Pentachlorophenol
UN3156	Compressed gas, oxidizing, n.o.s.
UN3157	Liquefied gas, oxidizing, n.o.s.
UN3158	Gas, refrigerated liquid, n.o.s.
UN3159	1,1,1,2-Tetrafluoroethane or Refrigerant gas R 134a
UN3160	Liquefied gas, toxic, flammable, n.o.s.
UN3161	Liquefied gas, flammable, n.o.s.
UN3162	Liquefied gas, toxic, n.o.s.
UN3163	Liquefied gas, n.o.s.
UN3164	Articles, pressurized pneumatic or Hydraulic
UN3165	Aircraft hydraulic power unit fuel tank
UN3166	Engines, internal combustion

UN3166	Vehicle, flammable gas powered or Vehicle, fuel cell, flammable gas powered
UN3166	Vehicle, flammable liquid powered or Vehicle, fuel cell, flammable liquid powered
UN3167	Gas sample, non-pressurized, flammable, n.o.s.
UN3168	Gas sample, non-pressurized, toxic, flammable, n.o.s.
UN3169	Gas sample, non-pressurized, toxic, n.o.s.
UN3170	Aluminum smelting by-products or Aluminum remelting by-products
UN3171	Battery-powered vehicle or Battery-powered equipment
UN3172	Toxins, extracted from living sources, liquid, n.o.s.
UN3174	Titanium disulphide
UN3175	Solids containing flammable liquid, n.o.s.
UN3176	Flammable solid, organic, molten, n.o.s.
UN3178	Flammable solid, inorganic, n.o.s.
UN3179	Flammable solid, toxic, inorganic, n.o.s.
UN3180	Flammable solid, corrosive, inorganic, n.o.s.
UN3181	Metal salts of organic compounds, flammable, n.o.s.
UN3182	Metal hydrides, flammable, n.o.s.
UN3183	Self-heating liquid, organic, n.o.s.
UN3184	Self-heating liquid, toxic, organic, n.o.s.
UN3185	Self-heating liquid, corrosive, organic, n.o.s.
UN3186	Self-heating liquid, inorganic, n.o.s.
UN3187	Self-heating liquid, toxic, inorganic, n.o.s.
UN3188	Self-heating liquid, corrosive, inorganic, n.o.s.
UN3189	Metal powder, self-heating, n.o.s.
UN3190	Self-heating solid, inorganic, n.o.s.
UN3191	Self-heating solid, toxic, inorganic, n.o.s.
UN3192	Self-heating solid, corrosive, inorganic, n.o.s.
UN3194	Pyrophoric liquid, inorganic, n.o.s.
UN3200	Pyrophoric solid, inorganic, n.o.s.
UN3205	Alkaline earth metal alcoholates, n.o.s.
UN3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s.
UN3208	Metallic substance, water-reactive, n.o.s.
UN3209	Metallic substance, water-reactive, self-heating, n.o.s.
UN3210	Chlorates, inorganic, aqueous solution, n.o.s.
UN3211	Perchlorates, inorganic, aqueous solution, n.o.s.
UN3212	Hypochlorites, inorganic, n.o.s.
UN3213	Bromates, inorganic, aqueous solution, n.o.s.
UN3214	Permanganates, inorganic, aqueous solution, n.o.s.
UN3215	Persulfates, inorganic, n.o.s.
UN3216	Persulfates, inorganic, aqueous solution, n.o.s.

UN3218	Nitrates, inorganic, aqueous solution, n.o.s.
UN3219	Nitrites, inorganic, aqueous solution, n.o.s.
UN3220	Pentafluoroethane or Refrigerant gas R 125
UN3221	Self-reactive liquid type B
UN3222	Self-reactive solid type B
UN3223	Self-reactive liquid type C
UN3224	Self-reactive solid type C
UN3225	Self-reactive liquid type D
UN3226	Self-reactive solid type D
UN3227	Self-reactive liquid type E
UN3228	Self-reactive solid type E
UN3229	Self-reactive liquid type F
UN3230	Self-reactive solid type F
UN3231	Self-reactive liquid type B, temperature controlled
UN3232	Self-reactive solid type B, temperature controlled
UN3233	Self-reactive liquid type C, temperature controlled
UN3234	Self-reactive solid type C, temperature controlled
UN3235	Self-reactive liquid type D, temperature controlled
UN3236	Self-reactive solid type D, temperature controlled
UN3237	Self-reactive liquid type E, temperature controlled
UN3238	Self-reactive solid type E, temperature controlled
UN3239	Self-reactive liquid type F, temperature controlled
UN3240	Self-reactive solid type F, temperature controlled
UN3241	2-Bromo-2-nitropropane-1,3-diol
UN3242	Azodicarbonamide
UN3243	Solids containing toxic liquid, n.o.s.
UN3244	Solids containing corrosive liquid, n.o.s.
UN3246	Methanesulfonyl chloride
UN3247	Sodium peroxoborate, anhydrous
UN3248	Medicine, liquid, flammable, toxic, n.o.s.
UN3249	Medicine, solid, toxic, n.o.s.
UN3250	Chloroacetic acid, molten
UN3251	Isosorbide-5-mononitrate
UN3252	Difluoromethane or Refrigerant gas R 32
UN3253	Disodium trioxosilicate
UN3254	Tributylphosphane
UN3255	tert-Butyl hypochlorite
UN3256	Elevated temperature liquid, flammable, n.o.s.
UN3257	Elevated temperature liquid, n.o.s.
UN3258	Elevated temperature solid, n.o.s.
UN3259	Amines, solid, corrosive, n.o.s. or Polyamines, solid, corrosive n.o.s.
UN3260	Corrosive solid, acidic, inorganic, n.o.s.
UN3261	Corrosive solid, acidic, organic, n.o.s.
UN3262	Corrosive solid, basic, inorganic, n.o.s.
UN3263	Corrosive solid, basic, organic, n.o.s.
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.
UN3265	Corrosive liquid, acidic, organic, n.o.s.
UN3266	Corrosive liquid, basic, inorganic, n.o.s.

UN3267	Corrosive liquid, basic, organic, n.o.s.
UN3268	Safety Devices, <i>electrically initiated</i>
UN3269	Polyester resin kit
UN3270	Nitrocellulose membrane filters
UN3271	Ethers, n.o.s.
UN3272	Esters, n.o.s.
UN3273	Nitriles, flammable, toxic, n.o.s.
UN3274	Alcoholates solution, n.o.s.
UN3275	Nitriles, toxic, flammable, n.o.s.
UN3276	Nitriles, liquid, toxic, n.o.s.
UN3277	Chloroformates, toxic, corrosive, n.o.s.
UN3278	Organophosphorus compound, toxic, liquid n.o.s.
UN3279	Organophosphorus compound, toxic, flammable, n.o.s.
UN3280	Organoarsenic compound, liquid n.o.s.
UN3281	Metal carbonyls, n.o.s.
UN3282	Organometallic compound, toxic liquid n.o.s.
UN3283	Selenium compound, solid, n.o.s.
UN3284	Tellurium compound, n.o.s.
UN3285	Vanadium compound, n.o.s.
UN3286	Flammable liquid, toxic, corrosive, n.o.s.
UN3287	Toxic liquid, inorganic, n.o.s.
UN3288	Toxic solid, inorganic, n.o.s.
UN3289	Toxic liquid, corrosive, inorganic, n.o.s.
UN3290	Toxic solid, corrosive, inorganic, n.o.s.
UN3291	Regulated medical waste n.o.s. <i>or</i> Clinical waste, unspecified, n.o.s. <i>or</i> (BIO)Medical waste, n.o.s. <i>or</i> Biomedical waste, n.o.s. <i>or</i> Medical waste, n.o.s.
UN3292	Batteries, containing sodium
UN3292	Cells, containing sodium
UN3293	Hydrazine, aqueous solution
UN3294	Hydrogen cyanide, solution in alcohol <i>with not more than 45 percent hydrogen cyanide</i>
UN3295	Hydrocarbons, liquid, n.o.s.
UN3296	Heptafluoropropane or Refrigerant gas R 227
UN3297	Ethylene oxide and chlorotetrafluoroethane mixture
UN3298	Ethylene oxide and pentafluoroethane mixture
UN3299	Ethylene oxide and tetrafluoroethane mixture
UN3300	Ethylene oxide and carbon dioxide mixture
UN3301	Corrosive liquid, self-heating, n.o.s.
UN3302	2-Dimethylaminoethyl acrylate
UN3303	Compressed gas, toxic, oxidizing, n.o.s.
UN3304	Compressed gas, toxic, corrosive, n.o.s.
UN3305	Compressed gas, toxic, flammable, corrosive, n.o.s.
UN3306	Compressed gas, toxic, oxidizing, corrosive, n.o.s.
UN3307	Liquefied gas, toxic, oxidizing, n.o.s.
UN3308	Liquefied gas, toxic, corrosive, n.o.s.
UN3309	Liquefied gas, toxic, flammable, corrosive, n.o.s.
UN3310	Liquefied gas, toxic, oxidizing, corrosive, n.o.s.

UN3311	Gas, refrigerated liquid, oxidizing, n.o.s.
UN3312	Gas, refrigerated liquid, flammable, n.o.s.
UN3313	Organic pigments, self-heating
UN3314	Plastic molding compound
UN3316	Chemical kits or First aid kits
UN3317	2-Amino-4,6-Dinitrophenol, wetted
UN3318	Ammonia, solution
UN3319	Nitroglycerin mixture desensitized, solid, n.o.s.
UN3320	Sodium borohydride and sodium hydroxide solution
UN3321	Radioactive material, low specific activity (LSA-II)
UN3322	Radioactive material, low specific activity (LSA-III)
UN3327	Radioactive material, Type A package, fissile
UN3328	Radioactive material, Type B(U) package, fissile
UN3329	Radioactive material, Type B(M) package, fissile
UN3331	Radioactive material, transported under special arrangement, fissile
UN3332	Radioactive material, Type A package, special form
UN3333	Radioactive material, Type A package, special form, fissile
UN3334	Aviation regulated liquid, n.o.s.
UN3335	Aviation regulated solid, n.o.s.
UN3336	Mercaptans, liquid, flammable, n.o.s. or Mercaptan mixtures, liquid, flammable, n.o.s.
UN3337	Refrigerant gas R 404A
UN3338	Refrigerant gas R 407A
UN3339	Refrigerant gas R 407B
UN3340	Refrigerant gas R 407C
UN3341	Thiourea dioxide
UN3342	Xanthates
UN3343	Nitroglycerin mixture desensitized, liquid, flammable, n.o.s.
UN3344	Pentaerythrite tetranitrate mixture, desensitized, solid, n.o.s. or Pentaerythritol tetranite mixture, desensitized, solid, n.o.s. or PETN mixture, desensitized, solid, n.o.s. with more than 10 percent but not more than 20 percent PETN, by mass
UN3345	Phenoxyacetic acid derivative pesticide, solid, toxic
UN3346	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic
UN3347	Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable
UN3348	Phenoxyacetic acid derivative pesticide, liquid, toxic
UN3349	Pyrethroid pesticide, solid, toxic
UN3350	Pyrethroid pesticide, liquid, flammable, toxic
UN3351	Pyrethroid pesticide, liquid, flammable, toxic
UN3352	Pyrethroid pesticide, liquid, toxic
UN3354	Insecticide gases, flammable, n.o.s.
UN3355	Insecticide gases, toxic, flammable, n.o.s.
UN3356	Oxygen generator chemical (including when contained in associated equipment, e.g., passenger service

	<i>units (PSUs), portable breathing equipment (PBE), etc).</i>
UN3357	Nitroglycerin mixture, desensitized, liquid n.o.s.
UN3358	Refrigerating machines
UN3360	Fibers, vegetable, dry
UN3361	Chlorosilanes, toxic, corrosive, n.o.s.
UN3362	Chlorosilanes, toxic, corrosive, flammable, n.o.s.
UN3363	Dangerous Goods in Machinery or Dangerous Goods in Apparatus
UN3364	Trinitrophenol (picric acid), wetted
UN3365	Trinitrobenzene (picryl chloride), wetted
UN3366	Trinitrotoluene (TNT), wetted
UN3367	Trinitrobenzene, wetted
UN3368	Trinitrobenzoic acid, wetted
UN3369	Sodium dinitro-o-cresolate, wetted
UN3370	Urea nitrate, wetted
UN3371	2-Methylbutanal
UN3373	Biological substance, Category B
UN3375	Ammonium nitrate emulsion or Ammonium nitrate suspension or Ammonium nitrate gel
UN3376	4-Nitrophenylhydrazine, with not less than 30% percent; water, by mass
UN3377	Sodium perborate monohydrate
UN3378	Sodium carbonate peroxyhydrate
UN3379	Desensitized explosive, liquid, n.o.s.
UN3380	Desensitized explosive, solid, n.o.s.
UN3381	Toxic by inhalation liquid, n.o.s. with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 500 LC50
UN3382	Toxic by inhalation liquid, n.o.s. with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 10 LC50
UN3383	Toxic by inhalation liquid, flammable, n.o.s. with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 500 LC50
UN3384	Toxic by inhalation liquid, flammable, n.o.s. with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapor concentration greater than or equal to 10 LC50
UN3385	Toxic by inhalation liquid, water-reactive, n.o.s. with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 500 LC50
UN3386	Toxic by inhalation liquid, water-reactive, n.o.s. with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapor concentration greater than or equal to 10 LC50
UN3387	Toxic by inhalation liquid, oxidizing, n.o.s. with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 500 LC50
UN3388	Toxic by inhalation liquid, oxidizing, n.o.s.

UN3389	Toxic by inhalation liquid, corrosive, n.o.s. <i>with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapor concentration greater than or equal to 500 LC50</i>
UN3390	Toxic by inhalation liquid, corrosive, n.o.s. <i>with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapor concentration greater than or equal to 10 LC50</i>
UN3391	Organometallic substance, solid, pyrophoric
UN3392	Organometallic substance, liquid, pyrophoric
UN3393	Organometallic substance, solid, pyrophoric, water-reactive
UN3394	Organometallic substance, liquid, pyrophoric, water-reactive
UN3395	Organometallic substance, solid, water-reactive
UN3396	Organometallic substance, solid, water-reactive, flammable
UN3397	Organometallic substance, solid, water-reactive, self-heating
UN3398	Organometallic substance, liquid, water-reactive
UN3399	Organometallic substance, liquid, water-reactive, flammable
UN3400	Organometallic substance, solid, self-heating
UN3401	Alkali metal amalgam, solid
UN3402	Alkaline earth metals amalgams, solid
UN3403	Potassium, metal alloys, solid
UN3404	Potassium sodium alloys, solid
UN3405	Barium chlorate, solution
UN3406	Barium perchlorate, solution
UN3407	Chlorate and magnesium chloride mixture solution
UN3408	Lead perchlorate, solution
UN3409	Chloronitrobenzene, liquid
UN3410	4-Chloro-o-toluidine hydrochloride, solution
UN3411	beta-Naphthylamine solution
UN3412	Formic acid
UN3413	Potassium cyanide solution
UN3414	Sodium cyanide solution
UN3415	Sodium fluoride solution
UN3416	Chloroacetophenone, liquid
UN3417	Xylyl bromide, solid
UN3418	2, 4-Toluylenediamine solution or 2, 4-Toluenediamine solution
UN3419	Boron trifluoride acetic acid complex, solid
UN3420	Boron trifluoride propionic acid complex, solid
UN3421	Potassium hydrogendifluoride solution
UN3422	Potassium fluoride solution
UN3423	Tetramethylammonium hydroxide, solid
UN3424	Ammonium dinitro-o-cresolate solution
UN3425	Bromoacetic acid, solid
UN3426	Acrylamide solution
UN3427	Chlorobenzyl chlorides, solid
UN3428	3-Chloro-4-methylphenyl isocyanate, solid
UN3429	Chlorotoluidines, liquid
UN3430	Xylenols, liquid
UN3431	Nitrobenzotrifluorides, solid

UN3432	Polychlorinated biphenyls, solid
UN3434	Nitrocresols, liquid
UN3436	Hexafluoroacetone hydrate, solid
UN3437	Chlorocresols, solid
UN3438	alpha-Methylbenzyl alcohol, solid
UN3439	Nitriles, toxic, solid, n.o.s.
UN3440	Selenium compound, liquid, n.o.s.
UN3441	Chlorodinitro-benzenes, solid
UN3442	Dichloroanilines, solid
UN3443	Dinitrobenzenes, solid
UN3444	Nicotine hydrochloride, solid
UN3445	Nicotine sulphate, solid
UN3446	Nitrotoluenes, solid
UN3447	Nitroxyls, solid
UN3448	Tear gas substance, solid, n.o.s.
UN3449	Bromobenzyl cyanides, solid
UN3450	Diphenyl-chloroarsine, solid
UN3451	Toluidines, solid
UN3452	Xylidines, solid
UN3453	Phosphoric acid, solid
UN3454	Dinitrotoluenes, solid
UN3455	Cresols, solid
UN3456	Nitrosylsulphuric acid, solid
UN3457	Chloronitrotoluenes, solid
UN3458	Nitroanisoles, solid
UN3459	Nitrobromobenzenes, solid
UN3460	N-Ethylbenzyltoluidines, solid
UN3462	Toxins, extracted from living source, solid, n.o.s.
UN3463	Propionic acid
UN3464	Organophosphorus compound, toxic, solid, n.o.s.
UN3465	Organoarsenic compound, solid, n.o.s.
UN3466	Metal carbonyls, solid, n.o.s.
UN3467	Organometallic compound, toxic, solid, n.o.s.
UN3468	Hydrogen in a metal hydride storage system <i>or</i> Hydrogen in a metal hydride storage system contained in equipment <i>or</i> Hydrogen in a metal hydride storage system packed with equipment
UN3469	Paint, flammable, corrosive
UN3469	Paint related material, flammable, corrosive
UN3470	Paint related material corrosive, flammable <i>or</i> Paint, corrosive, flammable
UN3471	Hydrogendifluoride solution, n.o.s.
UN3472	Crotonic acid
UN3473	Fuel cell cartridges <i>or</i> Fuel cell cartridges contained in equipment <i>or</i> Fuel cell cartridges packed with equipment, <i>containing flammable liquids</i>
UN3474	1-Hydroxybenzotriazole, monohydrate
UN3475	Ethanol and gasoline mixture <i>or</i> Ethanol and motor spirit mixture <i>or</i> Ethanol and petrol mixture
UN3476	Fuel cell cartridges <i>or</i> Fuel cell cartridges contained in equipment <i>or</i> Fuel cell cartridges packed with equipment, <i>containing water-reactive substances</i>
UN3477	Fuel cell cartridges <i>or</i> Fuel cell cartridges contained in equipment <i>or</i> Fuel cell cartridges packed with equipment, <i>containing corrosive substances</i>

UN3478	Fuel cell cartridges or Fuel cell cartridges contained in equipment or Fuel cell cartridges packed with equipment, <i>containing liquefied flammable gas</i>
UN3479	Fuel cell cartridges or Fuel cell cartridges contained in equipment or Fuel cell cartridges packed with equipment, <i>containing hydrogen in metal hydride</i>
UN3480	Lithium ion batteries, <i>including lithium ion polymer batteries</i>
UN3481	Lithium ion batteries contained in equipment <i>including lithium ion polymer batteries</i>
UN3481	Lithium ion batteries packed with equipment <i>including lithium ion polymer batteries</i>
UN3482	Alkali metal dispersions, flammable or Alkaline earth metal dispersions, flammable
UN3483	Motor fuel anti-knock mixture, flammable
UN3484	Hydrazine aqueous solution, flammable
UN3485	Calcium hypochlorite, dry, corrosive or Calcium hypochlorite mixture, dry, corrosive
UN3486	Calcium hypochlorite mixture, dry, corrosive
UN3487	Calcium hypochlorite, hydrated, corrosive or Calcium hypochlorite, hydrated mixture, corrosive
UN3488	Toxic by inhalation liquid, flammable, corrosive, n.o.s.
UN3489	Toxic by inhalation liquid, flammable, corrosive, n.o.s.
UN3490	Toxic by inhalation water reactive, flammable, corrosive, n.o.s.
UN3491	Toxic by inhalation water reactive, flammable, corrosive, n.o.s.
UN3494	Petroleum sour crude oil, flammable, toxic
UN3495	Iodine
UN3496	Batteries, nickel-metal hydride
UN3497	Krill meal
UN3498	Iodine monochloride, liquid
UN3499	Capacitor, electric double layer
UN3500	Chemical under pressure, n.o.s.
UN3501	Chemical under pressure, flammable, n.o.s.
UN3502	Chemical under pressure, toxic, n.o.s.
UN3503	Chemical under pressure, corrosive, n.o.s.

UN3504	Chemical under pressure, flammable, toxic, n.o.s.
UN3505	Chemical under pressure, flammable, corrosive, n.o.s.
UN3506	Mercury contained in manufactured articles
UN3507	Uranium hexafluoride, radioactive material, excepted package
UN3508	Capacitor, asymmetric
UN3510	Adsorbed gas, flammable, n.o.s.
UN3511	Adsorbed gas, n.o.s.
UN3512	Adsorbed gas, toxic, n.o.s.
UN3513	Adsorbed gas, oxidizing, n.o.s.
UN3514	Adsorbed gas, toxic, flammable, n.o.s.
UN3515	Adsorbed gas, toxic, oxidizing, n.o.s.
UN3516	Adsorbed gas, toxic, corrosive, n.o.s.
UN3517	Adsorbed gas, toxic, flammable, corrosive, n.o.s.
UN3518	Adsorbed gas, toxic, oxidizing, corrosive, n.o.s.
UN3519	Boron trifluoride, adsorbed
UN3520	Chlorine, adsorbed
UN3521	Silicon tetrafluoride, adsorbed
UN3522	Arsine, adsorbed
UN3523	Germane, adsorbed
UN3524	Phosphorus pentafluoride, adsorbed
UN3525	Phosphine, adsorbed
UN3526	Hydrogen selenide, adsorbed
UN3527	Polyester resin kit
UN3528	Engine, internal combustion, flammable liquid powered or Engine, fuel cell, flammable liquid powered or Machinery, internal combustion, flammable liquid powered or Machinery, fuel cell, flammable liquid powered
UN3529	Engine, internal combustion, flammable gas powered or Engine, fuel cell, flammable gas powered or Machinery, internal combustion, flammable gas powered or Machinery, fuel cell, flammable gas powered
UN3530	Engine, internal combustion or Machinery, internal combustion
UN3531	Polymerizing substance, solid, stabilized, n.o.s.
UN3532	Polymerizing substance, liquid, stabilized, n.o.s.
UN3533	Polymerizing substance, solid, temperature controlled, n.o.s.
UN3534	Polymerizing substance, liquid, temperature controlled, n.o.s.

Appendix A to 172.101

List of Hazardous Substances and Reportable Quantities (RQ)

This Appendix lists materials and their corresponding reportable quantities (RQ) that are listed or designated as “Hazardous Substances” and are further regulated by other federal and state authorities. This list contains only substances with a one (1) or ten (10) pound RQ rating. Please refer to 49CFR 172.101 Appendix A for materials with higher RQ ratings. This list **does not** include radionuclides. **FedEx Ground does not accept packages that have a net weight equal to or more than the applicable RQ number.** Except for those materials listed in the FedEx Ground Hazardous Material Table by name, the material may not be regulated if the material has a net weight prepackage less than the RQ rating. It is the shipper’s responsibility to determine if their material, when packaged, meets or exceeds the RQ rating.

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
A2213	5000 (2270)
Acenaphthene	100 (45.4)
Acenaphthylene	5000 (2270)
Acetaldehyde	1000 (454)
Acetaldehyde, chloro-	1000 (454)
Acetaldehyde, trichloro-	5000 (2270)
Acetamide	100 (45.4)
Acetamide, N-(aminothioxomethyl)-	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	100 (45.4)
Acetamide, N-9H-fluoren-2-yl-	1 (0.454)
Acetamide, 2-fluoro-	100 (45.4)
Acetic acid	5000 (2270)
Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	100 (45.4)
Acetic acid, ethyl ester	5000 (2270)
Acetic acid, fluoro-, sodium salt	10 (4.54)
Acetic acid, lead(2 +) salt	10 (4.54)
Acetic acid, thallium(1 +) salt	100 (45.4)

Acetic acid, (2,4,5-trichlorophenoxy)-	1000 (454)
Acetic anhydride	5000 (2270)
Acetone	5000 (2270)
Acetone cyanohydrin	10 (4.54)
Acetonitrile	5000 (2270)
Acetophenone	5000 (2270)
2-Acetylaminofluorene	1 (0.454)
Acetyl bromide	5000 (2270)
Acetyl chloride	5000 (2270)
1-Acetyl-2-thiourea	1000 (454)
Acrolein	1 (0.454)
Acrylamide	5000 (2270)
Acrylic acid	5000 (2270)
Acrylonitrile	100 (45.4)
Adipic acid	5000 (2270)
Aldicarb	1 (0.454)
Aldicarb sulfone	100 (45.4)
Aldrin	1 (0.454)
Allyl alcohol	100 (45.4)
Allyl chloride	1000 (454)
Aluminum phosphide	100 (45.4)
Aluminum sulfate	5000 (2270)
4-Aminobiphenyl	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	1000 (454)
4-Aminopyridine	1000 (454)
Amitrole	10 (4.54)
Ammonia	100 (45.4)
Ammonium acetate	5000 (2270)
Ammonium benzoate	5000 (2270)
Ammonium bicarbonate	5000 (2270)
Ammonium bichromate	10 (4.54)
Ammonium bifluoride	100 (45.4)

Ammonium bisulfite	5000 (2270)
Ammonium carbamate	5000 (2270)
Ammonium carbonate	5000 (2270)
Ammonium chloride	5000 (2270)
Ammonium chromate	10 (4.54)
Ammonium citrate, dibasic	5000 (2270)
Ammonium dichromate®	10 (4.54)
Ammonium fluoborate	5000 (2270)
Ammonium fluoride	100 (45.4)
Ammonium hydroxide	1000 (454)
Ammonium oxalate	5000 (2270)
Ammonium picrate	10 (4.54)
Ammonium silicofluoride	1000 (454)
Ammonium sulfamate	5000 (2270)
Ammonium sulfide	100 (45.4)
Ammonium sulfite	5000 (2270)
Ammonium tartrate	5000 (2270)
Ammonium thiocyanate	5000 (2270)
Ammonium vanadate	1000 (454)
Amyl acetate	5000 (2270)
iso-Amyl acetate	
sec-Amyl acetate	
tert-Amyl acetate	
Aniline	5000 (2270)
o-Anisidine	100 (45.4)
Anthracene	5000 (2270)
Antimony [‡]	5000 (2270)
Antimony pentachloride	1000 (454)
Antimony potassium tartrate	100 (45.4)
Antimony tribromide	1000 (454)
Antimony trichloride	1000 (454)
Antimony trifluoride	1000 (454)

Antimony trioxide	1000 (454)
Argentate(1-), bis(cyano-C)-, potassium	1 (0.454)
Aroclor 1016	1 (0.454)
Aroclor 1221	1 (0.454)
Aroclor 1232	1 (0.454)
Aroclor 1242	1 (0.454)
Aroclor 1248	1 (0.454)
Aroclor 1254	1 (0.454)
Aroclor 1260	1 (0.454)
Aroclors	1 (0.454)
Arsenic [€]	1 (0.454)
Arsenic acid H ₃ AsO ₄	1 (0.454)
Arsenic disulfide	1 (0.454)
Arsenic oxide As ₂ O ₃	1 (0.454)
Arsenic oxide As ₂ O ₅	1 (0.454)
Arsenic pentoxide	1 (0.454)
Arsenic trichloride	1 (0.454)
Arsenic trioxide	1 (0.454)
Arsenic trisulfide	1 (0.454)
Arsine, diethyl-	1 (0.454)
Arsinic acid, dimethyl-	1 (0.454)
Arsonous dichloride, phenyl-	1 (0.454)
Asbestos ^{€€}	1 (0.454)
Auramine	100 (45.4)
Azaserine	1 (0.454)
Aziridine	1 (0.454)
Aziridine, 2-methyl-	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8- [[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha,8beta,8aalpha,8balpha)]-	10 (4.54)
Barban	10 (4.54)
Barium cyanide	10 (4.54)
Bendiocarb	100 (45.4)

Bendiocarb phenol	1000 (454)
Benomyl	10 (4.54)
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	10 (4.54)
Benz[c]acridine	100 (45.4)
Benzal chloride	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	5000 (2270)
Benz[a]anthracene	10 (4.54)
1,2-Benzanthracene	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	1 (0.454)
Benzenamine	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl-	100 (45.4)
Benzenamine, 4-chloro-	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	10 (4.54)
Benzenamine, 2-methyl-	100 (45.4)
Benzenamine, 4-methyl-	100 (45.4)
Benzenamine, 4,4'-methylenebis[2-chloro-	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	100 (45.4)
Benzenamine, 4-nitro-	5000 (2270)
Benzene	10 (4.54)
Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	100 (45.4)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	10 (4.54)
Benzene, chloro-	100 (45.4)
Benzene, (chloromethyl)-	100 (45.4)
Benzenediamine, ar-methyl-	10 (4.54)
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	5000 (2270)
1,2-Benzenedicarboxylic acid, dioctyl ester	5000 (2270)

Benzene, 1,2-dichloro-	100 (45.4)
Benzene, 1,3-dichloro-	100 (45.4)
Benzene, 1,4-dichloro-	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene, (dichloromethyl)-	5000 (2270)
Benzene, 1,3-diisocyanatomethyl-	100 (45.4)
Benzene, dimethyl-	100 (45.4)
1,3-Benzenediol	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-	1000 (454)
Benzeneethanamine, alpha,alpha-dimethyl-	5000 (2270)
Benzene, hexachloro-	10 (4.54)
Benzene, hexahydro-	1000 (454)
Benzene, methyl-	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	100 (45.4)
Benzene, (1-methylethyl)-	5000 (2270)
Benzene, nitro-	1000 (454)
Benzene, pentachloro-	10 (4.54)
Benzene, pentachloronitro-	100 (45.4)
Benzenesulfonic acid chloride	100 (45.4)
Benzenesulfonyl chloride	100 (45.4)
Benzene,1,2,4,5-tetrachloro-	5000 (2270)
Benzenethiol	100 (45.4)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy-	1 (0.454)
Benzene, (trichloromethyl)-	10 (4.54)
Benzene, 1,3,5-trinitro-	10 (4.54)
Benzidine	1 (0.454)
Benzo[a]anthracene	10 (4.54)
1,3-Benzodioxole, 5-(1-propenyl)-1	100 (45.4)
1,3-Benzodioxole, 5-(2-propenyl)-	100 (45.4)
1,3-Benzodioxole, 5-propyl-	10 (4.54)

1,3-Benzodioxol-4-ol, 2,2-dimethyl-	1000 (454)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	100 (45.4)
Benzo[b]fluoranthene	1 (0.454)
Benzo(k)fluoranthene	5000 (2270)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	10 (4.54)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate	10 (4.54)
Benzoic acid	5000 (2270)
Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo [2,3-b]indol-5-yl methylcarbamate ester (1:1)	100 (45.4)
Benzonitrile	5000 (2270)
Benzo[rs]pentaphene	10 (4.54)
Benzo[ghi]perylene	5000 (2270)
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts	100 (45.4)
Benzo[a]pyrene	1 (0.454)
3,4-Benzopyrene	1 (0.454)
p-Benzoquinone	10 (4.54)
Benzotrichloride	10 (4.54)
Benzoyl chloride	1000 (454)
Benzyl chloride	100 (45.4)
Beryllium [‡]	10 (4.54)
Beryllium chloride	1 (0.454)
Beryllium fluoride	1 (0.454)
Beryllium nitrate	1 (0.454)
Beryllium powder [‡]	10 (4.54)
alpha-BHC	10 (4.54)
beta-BHC	1 (0.454)
delta-BHC	1 (0.454)
gamma-BHC	1 (0.454)
2,2'-Bioxirane	10 (4.54)
Biphenyl	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	1 (0.454)

[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	10 (4.54)
Bis(2-chloroethoxy) methane	1000 (454)
Bis(2-chloroethyl) ether	10 (4.54)
Bis(chloromethyl) ether	10 (4.54)
Bis(2-ethylhexyl) phthalate	100 (45.4)
Bromoacetone	1000 (454)
Bromoform	100 (45.4)
Bromomethane	1000 (454)
4-Bromophenyl phenyl ether	100 (45.4)
Brucine	100 (45.4)
1,3-Butadiene	10 (4.54)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1 (0.454)
1-Butanamine, N-butyl-N-nitroso-	10 (4.54)
1-Butanol	5000 (2270)
2-Butanone	5000 (2270)
2-Butanone, 3,3-dimethyl-1(methylthio)-, O [(methylamino) carbonyl] oxime	100 (45.4)
2-Butanone peroxide	10 (4.54)
2-Butenal	100 (45.4)
2-Butene, 1,4-dichloro-	1 (0.454)
2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy] methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7aalpha]]-	10 (4.54)
Butyl acetate	5000 (2270)
iso-Butyl acetate	
sec-Butyl acetate	
tert-Butyl acetate	
n-Butyl alcohol	5000 (2270)
Butylamine	1000 (454)
iso-Butylamine	
sec-Butylamine	
tert-Butylamine	
Butyl benzyl phthalate	100 (45.4)

n-Butyl phthalate	10 (4.54)
Butyric acid	5000 (2270)
iso-Butyric acid	
Cacodylic acid	1 (0.454)
Cadmium [†]	10 (4.54)
Cadmium acetate	10 (4.54)
Cadmium bromide	10 (4.54)
Cadmium chloride	10 (4.54)
Calcium arsenate	1 (0.454)
Calcium arsenite	1 (0.454)
Calcium carbide	10 (4.54)
Calcium chromate	10 (4.54)
Calcium cyanamide	1000 (454)
Calcium cyanide Ca(CN) ₂	10 (4.54)
Calcium dodecylbenzenesulfonate	1000 (454)
Calcium hypochlorite	10 (4.54)
Captan	10 (4.54)
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester	10 (4.54)
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester	10 (4.54)
Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester	1000 (454)
Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester	1 (0.454)
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester	100 (45.4)
Carbamic acid, ethyl ester	100 (45.4)
Carbamic acid, methyl-, 3-methylphenyl ester	1000 (454)
Carbamic acid, methylnitroso-, ethyl ester	1 (0.454)
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)] bis-, dimethyl ester	10 (4.54)
Carbamic acid, phenyl-, 1-methylethyl ester	1000 (454)
Carbamic chloride, dimethyl-	1 (0.454)
Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters	5000 (2270)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	100 (45.4)

Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester	100 (45.4)
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	5000 (2270)
Carbaryl	100 (45.4)
Carbendazim	10 (4.54)
Carbofuran	10 (4.54)
Carbofuran phenol	10 (4.54)
Carbon disulfide	100 (45.4)
Carbonic acid, dithallium(1 +) salt	100 (45.4)
Carbonic dichloride	10 (4.54)
Carbonic difluoride	1000 (454)
Carbonochloridic acid, methyl ester	1000 (454)
Carbon oxyfluoride	1000 (454)
Carbon tetrachloride	10 (4.54)
Carbonyl sulfide	100 (45.4)
Carbosulfan	1000 (454)
Catechol	100 (45.4)
Chloral	5000 (2270)
Chloramben	100 (45.4)
Chlorambucil	10 (4.54)
Chlordane	1 (0.454)
Chlordane, alpha & gamma isomers	1 (0.454)
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	1 (0.454)
Chlorinated camphene	1 (0.454)
Chlorine	10 (4.54)
Chlornaphazine	100 (45.4)
Chloroacetaldehyde	1000 (454)
Chloroacetic acid	100 (45.4)
2-Chloroacetophenone	100 (45.4)
p-Chloroaniline	1000 (454)
Chlorobenzene	100 (45.4)
Chlorobenzilate	10 (4.54)
p-Chloro-m-cresol	5000 (2270)

Chlorodibromomethane	100 (45.4)
1-Chloro-2,3-epoxypropane	100 (45.4)
Chloroethane	100 (45.4)
2-Chloroethyl vinyl ether	1000 (454)
Chloroform	10 (4.54)
Chloromethane	100 (45.4)
Chloromethyl methyl ether	10 (4.54)
beta-Chloronaphthalene	5000 (2270)
2-Chloronaphthalene	5000 (2270)
2-Chlorophenol	100 (45.4)
o-Chlorophenol	100 (45.4)
4-Chlorophenyl phenyl ether	5000 (2270)
1-(o-Chlorophenyl)thiourea	100 (45.4)
Chloroprene	100 (45.4)
3-Chloropropionitrile	1000 (454)
Chlorosulfonic acid	1000 (454)
4-Chloro-o-toluidine, hydrochloride	100 (45.4)
Chlorpyrifos	1 (0.454)
Chromic acetate	1000 (454)
Chromic acid	10 (4.54)
Chromic acid H ₂ CrO ₄ , calcium salt	10 (4.54)
Chromic sulfate	1000 (454)
Chromium [¢]	5000 (2270)
Chromous chloride	1000 (454)
Chrysene	100 (45.4)
Cobaltous bromide	1000 (454)
Cobaltous formate	1000 (454)
Cobaltous sulfamate	1000 (454)
Coke Oven Emissions	1 (0.454)
Copper [¢]	5000 (2270)
Copper chloride [@]	10 (4.54)
Copper cyanide Cu(CN)	10 (4.54)

Coumaphos	10 (4.54)
Creosote	1 (0.454)
Cresol (cresylic acid)	100 (45.4)
m-Cresol	100 (45.4)
o-Cresol	100 (45.4)
p-Cresol	100 (45.4)
Cresols (isomers and mixture)	100 (45.4)
Cresylic acid (isomers and mixture)	100 (45.4)
Crotonaldehyde	100 (45.4)
Cumene	5000 (2270)
m-Cumenyl methylcarbamate	10 (4.54)
Cupric acetate	100 (45.4)
Cupric acetoarsenite	1 (0.454)
Cupric chloride	10 (4.54)
Cupric nitrate	100 (45.4)
Cupric oxalate	100 (45.4)
Cupric sulfate	10 (4.54)
Cupric sulfate, ammoniated	100 (45.4)
Cupric tartrate	100 (45.4)
Cyanides (soluble salts and complexes) not otherwise specified	10 (4.54)
Cyanogen	100 (45.4)
Cyanogen bromide (CN)Br	1000 (454)
Cyanogen chloride (CN)Cl	10 (4.54)
2,5-Cyclohexadiene-1,4-dione	10 (4.54)
Cyclohexane	1000 (454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α , 2 α , 3 β -, 4 α , 5 α , 6 β)	1 (0.454)
Cyclohexanone	5000 (2270)
2-Cyclohexyl-4,6-dinitrophenol	100 (45.4)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	10 (4.54)
Cyclophosphamide	10 (4.54)
2,4-D Acid	100 (45.4)
2,4-D Ester	100 (45.4)

2,4-D, salts and esters	100 (45.4)
Daunomycin	10 (4.54)
DDD	1 (0.454)
4,4'-DDD	1 (0.454)
DDE (72-55-9) [#]	1 (0.454)
DDE (3547-04-4) [#]	5000 (2270)
4,4'-DDE	1 (0.454)
DDT	1 (0.454)
4,4'-DDT	1 (0.454)
DEHP	100 (45.4)
Diallate	100 (45.4)
Diazinon	1 (0.454)
Diazomethane	100 (45.4)
Dibenz[a,h]anthracene	1 (0.454)
1,2:5,6-Dibenzanthracene	1 (0.454)
Dibenzo[a,h]anthracene	1 (0.454)
Dibenzofuran	100 (45.4)
Dibenzo[a,i]pyrene	10 (4.54)
1,2-Dibromo-3-chloropropane	1 (0.454)
Dibromoethane	1 (0.454)
Dibutyl phthalate	10 (4.54)
Di-n-butyl phthalate	10 (4.54)
Dicamba	1000 (454)
Dichlobenil	100 (45.4)
Dichlone	1 (0.454)
Dichlorobenzene	100 (45.4)
1,2-Dichlorobenzene	100 (45.4)
1,3-Dichlorobenzene	100 (45.4)
1,4-Dichlorobenzene	100 (45.4)
m-Dichlorobenzene	100 (45.4)
o-Dichlorobenzene	100 (45.4)
p-Dichlorobenzene	100 (45.4)

3,3'-Dichlorobenzidine	1 (0.454)
Dichlorobromomethane	5000 (2270)
1,4-Dichloro-2-butene	1 (0.454)
Dichlorodifluoromethane	5000 (2270)
1,1-Dichloroethane	1000 (454)
1,2-Dichloroethane	100 (45.4)
1,1-Dichloroethylene	100 (45.4)
1,2-Dichloroethylene	1000 (454)
Dichloroethyl ether	10 (4.54)
Dichloroisopropyl ether	1000 (454)
Dichloromethane	1000 (454)
Dichloromethoxyethane	1000 (454)
Dichloromethyl ether	10 (4.54)
2,4-Dichlorophenol	100 (45.4)
2,6-Dichlorophenol	100 (45.4)
Dichlorophenylarsine	1 (0.454)
Dichloropropane	1000 (454)
1,1-Dichloropropane	
1,3-Dichloropropane	
1,2-Dichloropropane	1000 (454)
Dichloropropane-Dichloropropene (mixture)	100 (45.4)
Dichloropropene	100 (45.4)
2,3-Dichloropropene	
1,3-Dichloropropene	100 (45.4)
2,2-Dichloropropionic acid	5000 (2270)
Dichlorvos	10 (4.54)
Dicofol	10 (4.54)
Dieldrin	1 (0.454)
1,2:3,4-Diepoxybutane	10 (4.54)
Diethanolamine	100 (45.4)
Diethylamine	100 (45.4)
N,N-Diethylaniline	1000 (454)

Diethylarsine	1 (0.454)
Diethylene glycol, dicarbamate	5000 (2270)
1,4-Diethyleneoxide	100 (45.4)
Diethylhexyl phthalate	100 (45.4)
N,N'-Diethylhydrazine	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	5000 (2270)
Diethyl-p-nitrophenyl phosphate	100 (45.4)
Diethyl phthalate	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	100 (45.4)
Diethylstilbestrol	1 (0.454)
Diethyl sulfate	10 (4.54)
Dihydrosafrole	10 (4.54)
Diisopropylfluorophosphate (DFP)	100 (45.4)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta) -	1 (0.454)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta) -1 (0.454)	
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha) -	1 (0.454)
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha) -, & metabolites	1 (0.454)
Dimethoate	10 (4.54)
3,3'-Dimethoxybenzidine	100 (45.4)
Dimethylamine	1000 (454)
Dimethyl aminoazobenzene	10 (4.54)
p-Dimethylaminoazobenzene	10 (4.54)
N,N-Dimethylaniline	100 (45.4)
7,12-Dimethylbenz[a]anthracene	1 (0.454)
3,3'-Dimethylbenzidine	10 (4.54)
alpha,alpha-Dimethylbenzylhydroperoxide	10 (4.54)
Dimethylcarbamoyl chloride	1 (0.454)
Dimethylformamide	100 (45.4)
1,1-Dimethylhydrazine	10 (4.54)

1,2-Dimethylhydrazine	1 (0.454)
Dimethylhydrazine, unsymmetrical®	10 (4.54)
alpha,alpha-Dimethylphenethylamine	5000 (2270)
2,4-Dimethylphenol	100 (45.4)
Dimethyl phthalate	5000 (2270)
Dimethyl sulfate	100 (45.4)
Dimetilan	1 (0.454)
Dinitrobenzene (mixed)	100 (45.4)
m-Dinitrobenzene	
o-Dinitrobenzene	
p-Dinitrobenzene	
4,6-Dinitro-o-cresol, and salts	10 (4.54)
Dinitrogen tetroxide®	10 (4.54)
Dinitrophenol	10 (4.54)
2,5-Dinitrophenol	
2,6-Dinitrophenol	
2,4-Dinitrophenol	10 (4.54)
Dinitrotoluene	10 (4.54)
3,4-Dinitrotoluene	
2,4-Dinitrotoluene	10 (4.54)
2,6-Dinitrotoluene	100 (45.4)
Dinoseb	1000 (454)
Di-n-octyl phthalate	5000 (2270)
1,4-Dioxane	100 (45.4)
1,2-Diphenylhydrazine	10 (4.54)
Diphosphoramidate, octamethyl-	100 (45.4)
Diphosphoric acid, tetraethyl ester	10 (4.54)
Dipropylamine	5000 (2270)
Di-n-propylnitrosamine	10 (4.54)
Diquat	1000 (454)
Disulfoton	1 (0.454)
Dithiobiuret	100 (45.4)

1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime	100 (45.4)
Diuron	100 (45.4)
Dodecylbenzenesulfonic acid	1000 (454)
Endosulfan	1 (0.454)
alpha-Endosulfan	1 (0.454)
beta-Endosulfan	1 (0.454)
Endosulfan sulfate	1 (0.454)
Endothall	1000 (454)
Endrin	1 (0.454)
Endrin aldehyde	1 (0.454)
Endrin, & metabolites	1 (0.454)
Epichlorohydrin	100 (45.4)
Epinephrine	1000 (454)
1,2-Epoxybutane	100 (45.4)
Ethanal	1000 (454)
Ethanamine, N,N-diethyl-	5000 (2270)
Ethanamine, N-ethyl-N-nitroso-	1 (0.454)
1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	5000 (2270)
Ethane, 1,2-dibromo-	1 (0.454)
Ethane, 1,1-dichloro-	1000 (454)
Ethane, 1,2-dichloro-	100 (45.4)
Ethanedinitrile	100 (45.4)
Ethane, hexachloro-	100 (45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	1000 (454)
Ethane, 1,1'-oxybis-	100 (45.4)
Ethane, 1,1'-oxybis[2-chloro-	10 (4.54)
Ethane, pentachloro-	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	100 (45.4)
Ethanethioamide	10 (4.54)
Ethane, 1,1,1-trichloro-	1000 (454)
Ethane, 1,1,2-trichloro-	100 (45.4)

Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester	5000 (2270)
Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino) carbonyl] oxy]-2-oxo-, methyl ester	100 (45.4)
Ethanimidothioic acid, N-[[[(methylamino) carbonyl] oxy]-, methyl ester	100 (45.4)
Ethanimidothioic acid, N,N' [thiobis[(methylimino)carbonyloxy]] bis-, dimethyl ester	100 (45.4)
Ethanol, 2-ethoxy-	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis-	1 (0.454)
Ethanol, 2,2'-oxybis-, dicarbamate	5000 (2270)
Ethanone, 1-phenyl-	5000 (2270)
Ethene, chloro-	1 (0.454)
Ethene, (2-chloroethoxy)-	1000 (454)
Ethene, 1,1-dichloro-	100 (45.4)
Ethene, 1,2-dichloro-(E)	1000 (454)
Ethene, tetrachloro-	100 (45.4)
Ethene, trichloro-	100 (45.4)
Ethion	10 (4.54)
Ethyl acetate	5000 (2270)
Ethyl acrylate	1000 (454)
Ethylbenzene	1000 (454)
Ethyl carbamate	100 (45.4)
Ethyl chloride	100 (45.4)
Ethyl cyanide	10 (4.54)
Ethylenebisdithiocarbamic acid, salts & esters	5000 (2270)
Ethylenediamine	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	5000 (2270)
Ethylene dibromide	1 (0.454)
Ethylene dichloride	100 (45.4)
Ethylene glycol	5000 (2270)
Ethylene glycol monoethyl ether	1000 (454)
Ethylene oxide	10 (4.54)
Ethylenethiourea	10 (4.54)
Ethylenimine	1 (0.454)

Ethyl ether	100 (45.4)
Ethylidene dichloride	1000 (454)
Ethyl methacrylate	1000 (454)
Ethyl methanesulfonate	1 (0.454)
Ethyl methyl ketone [@]	5000 (2270)
Famphur	1000 (454)
Ferric ammonium citrate	1000 (454)
Ferric ammonium oxalate	1000 (454)
Ferric chloride	1000 (454)
Ferric fluoride	100 (45.4)
Ferric nitrate	1000 (454)
Ferric sulfate	1000 (454)
Ferrous ammonium sulfate	1000 (454)
Ferrous chloride	100 (45.4)
Ferrous sulfate	1000 (454)
Fluoranthene	100 (45.4)
Fluorene	5000 (2270)
Fluorine	10 (4.54)
Fluoroacetamide	100 (45.4)
Fluoroacetic acid, sodium salt	10 (4.54)
Formaldehyde	100 (45.4)
Formetanate hydrochloride	100 (45.4)
Formic acid	5000 (2270)
Formparanate	100 (45.4)
Fulminic acid, mercury(2 +)salt	10 (4.54)
Fumaric acid	5000 (2270)
Furan	100 (45.4)
2-Furancarboxyaldehyde	5000 (2270)
2,5-Furandione	5000 (2270)
Furan, tetrahydro-	1000 (454)
Furfural	5000 (2270)
Furfuran	100 (45.4)

Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-	1 (0.454)
D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]-	1 (0.454)
Glycidylaldehyde	10 (4.54)
Guanidine, N-methyl-N'-nitro-N-nitroso-	10 (4.54)
Guthion	1 (0.454)
Heptachlor	1 (0.454)
Heptachlor epoxide	1 (0.454)
Hexachlorobenzene	10 (4.54)
Hexachlorobutadiene	1 (0.454)
Hexachlorocyclopentadiene	10 (4.54)
Hexachloroethane	100 (45.4)
Hexachlorophene	100 (45.4)
Hexachloropropene	1000 (454)
Hexaethyl tetraphosphate	100 (45.4)
Hexamethylene-1,6-diisocyanate	100 (45.4)
Hexamethylphosphoramide	1 (0.454)
Hexane	5000 (2270)
Hexone	5000 (2270)
Hydrazine	1 (0.454)
Hydrazinecarbothioamide	100 (45.4)
Hydrazine, 1,2-diethyl-	10 (4.54)
Hydrazine, 1,1-dimethyl-	10 (4.54)
Hydrazine, 1,2-dimethyl-	1 (0.454)
Hydrazine, 1,2-diphenyl-	10 (4.54)
Hydrazine, methyl-	10 (4.54)
Hydrochloric acid	5000 (2270)
Hydrocyanic acid	10 (4.54)
Hydrofluoric acid	100 (45.4)
Hydrogen chloride	5000 (2270)
Hydrogen cyanide	10 (4.54)
Hydrogen fluoride	100 (45.4)
Hydrogen phosphide	100 (45.4)

Hydrogen sulfide H ₂ S	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	10 (4.54)
Hydroquinone	100 (45.4)
2-Imidazolidinethione	10 (4.54)
Indeno(1,2,3-cd)pyrene	100 (45.4)
Iodomethane	100 (45.4)
1,3-Isobenzofurandione	5000 (2270)
Isobutyl alcohol	5000 (2270)
Isodrin	1 (0.454)
Isolan	100 (45.4)
Isophorone	5000 (2270)
Isoprene	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	1000 (454)
3-Isopropylphenyl N-methylcarbamate	10 (4.54)
Isosafrole	100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)-	1000 (454)
Kepone	1 (0.454)
Lasiocarpine	10 (4.54)
Lead ^c	10 (4.54)
Lead acetate	10 (4.54)
Lead arsenate	1 (0.454)
Lead, bis(acetato-O)tetrahydroxytri-	10 (4.54)
Lead chloride	10 (4.54)
Lead fluoborate	10 (4.54)
Lead fluoride	10 (4.54)
Lead iodide	10 (4.54)
Lead nitrate	10 (4.54)
Lead phosphate	10 (4.54)
Lead stearate	10 (4.54)
Lead subacetate	10 (4.54)
Lead sulfate	10 (4.54)
Lead sulfide	10 (4.54)

Lead thiocyanate	10 (4.54)
Lindane	1 (0.454)
Lindane (all isomers)	1 (0.454)
Lithium chromate	10 (4.54)
Malathion	100 (45.4)
Maleic acid	5000 (2270)
Maleic anhydride	5000 (2270)
Maleic hydrazide	5000 (2270)
Malononitrile	1000 (454)
Manganese, bis(dimethylcarbamodithioato-S,S')-	10 (4.54)
Manganese dimethyldithiocarbamate	10 (4.54)
MDI	5000 (2270)
MEK	5000 (2270)
Melphalan	1 (0.454)
Mercaptodimethur	10 (4.54)
Mercuric cyanide	1 (0.454)
Mercuric nitrate	10 (4.54)
Mercuric sulfate	10 (4.54)
Mercuric thiocyanate	10 (4.54)
Mercurous nitrate	10 (4.54)
Mercury	1 (0.454)
Mercury, (acetato-O)phenyl-	100 (45.4)
Mercury fulminate	10 (4.54)
Methacrylonitrile	1000 (454)
Methanamine, N-methyl-	1000 (454)
Methanamine, N-methyl-N-nitroso-	10 (4.54)
Methane, bromo-	1000 (454)
Methane, chloro-	100 (45.4)
Methane, chloromethoxy-	10 (4.54)
Methane, dibromo-	1000 (454)
Methane, dichloro-	1000 (454)
Methane, dichlorodifluoro-	5000 (2270)

Methane, iodo-	100 (45.4)
Methane, isocyanato-	10 (4.54)
Methane, oxybis(chloro-	10 (4.54)
Methanesulphenyl chloride, trichloro-	100 (45.4)
Methanesulfonic acid, ethyl ester	1 (0.454)
Methane, tetrachloro-	10 (4.54)
Methane, tetranitro-	10 (4.54)
Methanethiol	100 (45.4)
Methane, tribromo-	100 (45.4)
Methane, trichloro-	10 (4.54)
Methane, trichlorofluoro-	5000 (2270)
Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino) carbonyl] oxy] phenyl]-, monohydrochloride	100 (45.4)
Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl] oxy]phenyl]-	100 (45.4)
6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	1 (0.454)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	1 (0.454)
4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	1 (0.454)
Methanol	5000 (2270)
Methapyrilene	5000 (2270)
1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-	1 (0.454)
Methiocarb	10 (4.54)
Methomyl	100 (45.4)
Methoxychlor	1 (0.454)
Methyl alcohol	5000 (2270)
Methylamine®	100 (45.4)
2-Methylaziridine	1 (0.454)
Methyl bromide	1000 (454)
1-Methylbutadiene	100 (45.4)
Methyl chloride	100 (45.4)
Methyl chlorocarbonate	1000 (454)
Methyl chloroform	1000 (454)

Methyl chloroformate [@]	1000 (454)
Methyl chloromethyl ether [@]	10 (4.54)
3-Methylcholanthrene	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	10 (4.54)
Methylene bromide	1000 (454)
Methylene chloride	1000 (454)
4,4'-Methylenedianiline	10 (4.54)
Methylene diphenyl diisocyanate	5000 (2270)
Methyl ethyl ketone	5000 (2270)
Methyl ethyl ketone peroxide	10 (4.54)
Methyl hydrazine	10 (4.54)
Methyl iodide	100 (45.4)
Methyl isobutyl ketone	5000 (2270)
Methyl isocyanate	10 (4.54)
2-Methyl lactonitrile	10 (4.54)
Methyl mercaptan	100 (45.4)
Methyl methacrylate	1000 (454)
Methyl parathion	100 (45.4)
4-Methyl-2-pentanone	5000 (2270)
Methyl tert-butyl ether	1000 (454)
Methylthiouracil	10 (4.54)
Metolcarb	1000 (454)
Mevinphos	10 (4.54)
Mexacarbate	1000 (454)
Mitomycin C	10 (4.54)
MNNG	10 (4.54)
Monoethylamine	100 (45.4)
Monomethylamine	100 (45.4)
Naled	10 (4.54)
5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	10 (4.54)
1-Naphthalenamine	100 (45.4)

2-Naphthalenamine	10 (4.54)
Naphthalenamine, N,N'-bis(2-chloroethyl)-	100 (45.4)
Naphthalene	100 (45.4)
Naphthalene, 2-chloro-	5000 (2270)
1,4-Naphthalenedione	5000 (2270)
2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt	10 (4.54)
1-Naphthalenol, methylcarbamate	100 (45.4)
Naphthenic acid	100 (45.4)
1,4-Naphthoquinone	5000 (2270)
alpha-Naphthylamine	100 (45.4)
beta-Naphthylamine	10 (4.54)
alpha-Naphthylthiourea	100 (45.4)
Nickel [¢]	100 (45.4)
Nickel ammonium sulfate	100 (45.4)
Nickel carbonyl Ni(CO) ₄ , (T-4)-	10 (4.54)
Nickel chloride	100 (45.4)
Nickel cyanide Ni(CN) ₂	10 (4.54)
Nickel hydroxide	10 (4.54)
Nickel nitrate	100 (45.4)
Nickel sulfate	100 (45.4)
Nicotine, & salts	100 (45.4)
Nitric acid	1000 (454)
Nitric acid, thallium (1 +) salt	100 (45.4)
Nitric oxide	10 (4.54)
p-Nitroaniline	5000 (2270)
Nitrobenzene	1000 (454)
4-Nitrobiphenyl	10 (4.54)
Nitrogen dioxide	10 (4.54)
Nitrogen oxide NO	10 (4.54)
Nitrogen oxide NO ₂	10 (4.54)
Nitroglycerine	10 (4.54)

Nitrophenol (mixed)	100 (45.4)
m-Nitrophenol	
o-Nitrophenol	100 (45.4)
p-Nitrophenol	100 (45.4)
2-Nitrophenol	100 (45.4)
4-Nitrophenol	100 (45.4)
2-Nitropropane	10 (4.54)
N-Nitrosodi-n-butylamine	10 (4.54)
N-Nitrosodiethanolamine	1 (0.454)
N-Nitrosodiethylamine	1 (0.454)
N-Nitrosodimethylamine	10 (4.54)
N-Nitrosodiphenylamine	100 (45.4)
N-Nitroso-N-ethylurea	1 (0.454)
N-Nitroso-N-methylurea	1 (0.454)
N-Nitroso-N-methylurethane	1 (0.454)
N-Nitrosomethylvinylamine	10 (4.54)
N-Nitrosomorpholine	1 (0.454)
N-Nitrosopiperidine	10 (4.54)
N-Nitrosopyrrolidine	1 (0.454)
Nitrotoluene	1000 (454)
m-Nitrotoluene	
o-Nitrotoluene	
p-Nitrotoluene	
5-Nitro-o-toluidine	100 (45.4)
Octamethylpyrophosphoramidate	100 (45.4)
Osmium oxide OsO ₄ , (T-4)-	1000 (454)
Osmium tetroxide	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	1000 (454)
Oxamyl	100 (45.4)
1,2-Oxathiolane, 2,2-dioxide	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	10 (4.54)
Oxirane	10 (4.54)

Oxiranecarboxyaldehyde	10 (4.54)
Oxirane, (chloromethyl)-	100 (45.4)
Paraformaldehyde	1000 (454)
Paraldehyde	1000 (454)
Parathion	10 (4.54)
PCBs	1 (0.454)
PCNB	100 (45.4)
Pentachlorobenzene	10 (4.54)
Pentachloroethane	10 (4.54)
Pentachloronitrobenzene	100 (45.4)
Pentachlorophenol	10 (4.54)
1,3-Pentadiene	100 (45.4)
Perchloroethylene	100 (45.4)
Perchloromethyl mercaptan®	100 (45.4)
Phenacetin	100 (45.4)
Phenanthrene	5000 (2270)
Phenol	1000 (454)
Phenol, 2-chloro-	100 (45.4)
Phenol, 4-chloro-3-methyl-	5000 (2270)
Phenol, 2-cyclohexyl-4,6-dinitro-	100 (45.4)
Phenol, 2,4-dichloro-	100 (45.4)
Phenol, 2,6-dichloro-	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1 (0.454)
Phenol, 2,4-dimethyl-	100 (45.4)
Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)	1000 (454)
Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	10 (4.54)
Phenol, 2,4-dinitro-	10 (4.54)
Phenol, methyl-	100 (45.4)
Phenol, 2-methyl-4,6-dinitro-, & salts	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	100 (45.4)
Phenol, 2-(1-methylethoxy)-, methylcarbamate	100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate	10 (4.54)

Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate	1000 (454)
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	1000 (454)
Phenol, 4-nitro-	100 (45.4)
Phenol, pentachloro-	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	10 (4.54)
Phenol, 2,4,5-trichloro-	10 (4.54)
Phenol, 2,4,6-trichloro-	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	1 (0.454)
p-Phenylenediamine	5000 (2270)
Phenyl mercaptan®	100 (45.4)
Phenylmercury acetate	100 (45.4)
Phenylthiourea	100 (45.4)
Phorate	10 (4.54)
Phosgene	10 (4.54)
Phosphine	100 (45.4)
Phosphoric acid	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	100 (45.4)
Phosphoric acid, lead(2 +) salt (2:3)	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	100 (45.4)
Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	100 (45.4)
Phosphorus	1 (0.454)
Phosphorus oxychloride	1000 (454)
Phosphorus pentasulfide	100 (45.4)
Phosphorus sulfide	100 (45.4)

Phosphorus trichloride	1000 (454)
Phthalic anhydride	5000 (2270)
Physostigmine	100 (45.4)
Physostigmine salicylate	100 (45.4)
2-Picoline	5000 (2270)
Piperidine, 1-nitroso-	10 (4.54)
Plumbane, tetraethyl-	10 (4.54)
POLYCHLORINATED BIPHENYLS	1 (0.454)
Potassium arsenate	1 (0.454)
Potassium arsenite	1 (0.454)
Potassium bichromate	10 (4.54)
Potassium chromate	10 (4.54)
Potassium cyanide K(CN)	10 (4.54)
Potassium hydroxide	1000 (454)
Potassium permanganate	100 (45.4)
Potassium silver cyanide	1 (0.454)
Promecarb	1000 (454)
Pronamide	5000 (2270)
Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime	100 (45.4)
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl] oxime	1 (0.454)
1-Propanamine	5000 (2270)
1-Propanamine, N-propyl-	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	10 (4.54)
Propane, 1,2-dibromo-3-chloro-	1 (0.454)
Propane, 1,2-dichloro-	1000 (454)
Propanedinitrile	1000 (454)
Propanenitrile	10 (4.54)
Propanenitrile, 3-chloro-	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	10 (4.54)
Propane, 2-nitro-	10 (4.54)
Propane, 2,2'-oxybis[2-chloro-	1000 (454)
1,3-Propanesultone	10 (4.54)

1,2,3-Propanetriol, trinitrate	10 (4.54)
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	100 (45.4)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	10 (4.54)
1-Propanol, 2-methyl-	5000 (2270)
2-Propanone	5000 (2270)
2-Propanone, 1-bromo-	1000 (454)
Propargite	10 (4.54)
Propargyl alcohol	1000 (454)
2-Propenal	1 (0.454)
2-Propenamide	5000 (2270)
1-Propene, 1,3-dichloro-	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro-	1000 (454)
2-Propenenitrile	100 (45.4)
2-Propenenitrile, 2-methyl-	1000 (454)
2-Propenoic acid	5000 (2270)
2-Propenoic acid, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	1000 (454)
2-Propen-1-ol	100 (45.4)
Propham	1000 (454)
beta-Propiolactone	10 (4.54)
Propionaldehyde	1000 (454)
Propionic acid	5000 (2270)
Propionic anhydride	5000 (2270)
Propoxur (Baygon)	100 (45.4)
n-Propylamine	5000 (2270)
Propylene dichloride	1000 (454)
Propylene oxide	100 (45.4)
1,2-Propylenimine	1 (0.454)
2-Propyn-1-ol	1000 (454)
Prosulfocarb	5000 (2270)
Pyrene	5000 (2270)

Pyrethrins	1 (0.454)
3,6-Pyridazinedione, 1,2-dihydro-	5000 (2270)
4-Pyridinamine	1000 (454)
Pyridine	1000 (454)
Pyridine, 2-methyl-	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	10 (4.54)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	10 (4.54)
Pyrrolidine, 1-nitroso-	1 (0.454)
Pyrrolo[2,3-b] indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-	100 (45.4)
Quinoline	5000 (2270)
Quinone	10 (4.54)
Quintobenzene	100 (45.4)
RADIONUCLIDES	See Table 2
Reserpine	5000 (2270)
Resorcinol	5000 (2270)
Safrole	100 (45.4)
Selenious acid	10 (4.54)
Selenious acid, dithallium (1 +) salt	1000 (454)
Selenium [†]	100 (45.4)
Selenium dioxide	10 (4.54)
Selenium oxide	10 (4.54)
Selenium sulfide SeS ₂	10 (4.54)
Selenourea	1000 (454)
L-Serine, diazoacetate (ester)	1 (0.454)
Silver [†]	1000 (454)
Silver cyanide Ag(CN)	1 (0.454)
Silver nitrate	1 (0.454)
Silvex (2,4,5-TP)	100 (45.4)
Sodium	10 (4.54)
Sodium arsenate	1 (0.454)

Sodium arsenite	1 (0.454)
Sodium azide	1000 (454)
Sodium bichromate	10 (4.54)
Sodium bifluoride	100 (45.4)
Sodium bisulfite	5000 (2270)
Sodium chromate	10 (4.54)
Sodium cyanide Na(CN)	10 (4.54)
Sodium dodecylbenzenesulfonate	1000 (454)
Sodium fluoride	1000 (454)
Sodium hydrosulfide	5000 (2270)
Sodium hydroxide	1000 (454)
Sodium hypochlorite	100 (45.4)
Sodium methyrate	1000 (454)
Sodium nitrite	100 (45.4)
Sodium phosphate, dibasic	5000 (2270)
Sodium phosphate, tribasic	5000 (2270)
Sodium selenite	100 (45.4)
Streptozotocin	1 (0.454)
Strontium chromate	10 (4.54)
Strychnidin-10-one, & salts	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	100 (45.4)
Strychnine, & salts	10 (4.54)
Styrene	1000 (454)
Styrene oxide	100 (45.4)
Sulfur chlorides®	1000 (454)
Sulfuric acid	1000 (454)
Sulfuric acid, dimethyl ester	100 (45.4)
Sulfuric acid, dithallium (1 +) salt	100 (45.4)
Sulfur monochloride	1000 (454)
Sulfur phosphide	100 (45.4)
2,4,5-T	1000 (454)
2,4,5-T acid	1000 (454)

2,4,5-T amines	5000 (2270)
2,4,5-T esters	1000 (454)
2,4,5-T salts	1000 (454)
TCDD	1 (0.454)
TDE	1 (0.454)
1,2,4,5-Tetrachlorobenzene	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1 (0.454)
1,1,1,2-Tetrachloroethane	100 (45.4)
1,1,2,2-Tetrachloroethane	100 (45.4)
Tetrachloroethylene	100 (45.4)
2,3,4,6-Tetrachlorophenol	10 (4.54)
Tetraethyl pyrophosphate	10 (4.54)
Tetraethyl lead	10 (4.54)
Tetraethyldithiopyrophosphate	100 (45.4)
Tetrahydrofuran	1000 (454)
Tetranitromethane	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	100 (45.4)
Thallic oxide	100 (45.4)
Thallium ^c	1000 (454)
Thallium (I) acetate	100 (45.4)
Thallium (I) carbonate	100 (45.4)
Thallium chloride TlCl	100 (45.4)
Thallium (I) nitrate	100 (45.4)
Thallium oxide Tl ₂ O ₃	100 (45.4)
Thallium (I) selenite	1000 (454)
Thallium (I) sulfate	100 (45.4)
Thioacetamide	10 (4.54)
Thiodicarb	100 (45.4)
Thiodiphosphoric acid, tetraethyl ester	100 (45.4)
Thiofanox	100 (45.4)
Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH	100 (45.4)
Thiomethanol	100 (45.4)

Thioperoxydicarbonic diamide [(H ₂ N)C(S)] ₂ S ₂ , tetramethyl-	10 (4.54)
Thiophanate-methyl	10 (4.54)
Thiophenol	100 (45.4)
Thiosemicarbazide	100 (45.4)
Thiourea	10 (4.54)
Thiourea, (2-chlorophenyl)-	100 (45.4)
Thiourea, 1-naphthalenyl-	100 (45.4)
Thiourea, phenyl-	100 (45.4)
Thiram	10 (4.54)
Tirpate	100 (45.4)
Titanium tetrachloride	1000 (454)
Toluene	1000 (454)
Toluenediamine	10 (4.54)
2,4-Toluene diamine	10 (4.54)
Toluene diisocyanate	100 (45.4)
2,4-Toluene diisocyanate	100 (45.4)
o-Toluidine	100 (45.4)
p-Toluidine	100 (45.4)
o-Toluidine hydrochloride	100 (45.4)
Toxaphene	1 (0.454)
2,4,5-TP acid	100 (45.4)
2,4,5-TP esters	100 (45.4)
Triallate	100 (45.4)
1H-1,2,4-Triazol-3-amine	10 (4.54)
Trichlorfon	100 (45.4)
1,2,4-Trichlorobenzene	100 (45.4)
1,1,1-Trichloroethane	1000 (454)
1,1,2-Trichloroethane	100 (45.4)
Trichloroethylene	100 (45.4)
Trichloromethanesulfonyl chloride	100 (45.4)
Trichloromonofluoromethane	5000 (2270)
Trichlorophenol	10 (4.54)

2,3,4-Trichlorophenol	
2,3,5-Trichlorophenol	
2,3,6-Trichlorophenol	
3,4,5-Trichlorophenol	
2,4,5-Trichlorophenol	10 (4.54)
2,4,6-Trichlorophenol	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	1000 (454)
Triethylamine	5000 (2270)
Trifluralin	10 (4.54)
Trimethylamine	100 (45.4)
2,2,4-Trimethylpentane	1000 (454)
1,3,5-Trinitrobenzene	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl-	1000 (454)
Tris(2,3-dibromopropyl)phosphate	10 (4.54)
Trypan blue	10 (4.54)
D002 Unlisted Hazardous Wastes Characteristic of Corrosivity	100 (45.4)
D001 Unlisted Hazardous Wastes Characteristic of Ignitability	100 (45.4)
D003 Unlisted Hazardous Wastes Characteristic of Reactivity	100 (45.4)
D004-D043 Unlisted Hazardous Wastes Characteristic of Toxicity:	
Arsenic (D004)	1 (0.454)
Barium (D005)	1000 (454)
Benzene (D018)	10 (4.54)
Cadmium (D006)	10 (4.54)
Carbon tetrachloride (D019)	10 (4.54)
Chlordane (D020)	1 (0.454)
Chlorobenzene (D021)	100 (45.4)
Chloroform (D022)	10 (4.54)
Chromium (D007)	10 (4.54)
o-Cresol (D023)	100 (45.4)
m-Cresol (D024)	100 (45.4)
p-Cresol (D025)	100 (45.4)
Cresol (D026)	100 (45.4)

2,4-D (D016)	100 (45.4)
1,4-Dichlorobenzene (D027)	100 (45.4)
1,2-Dichloroethane (D028)	100 (45.4)
1,1-Dichloroethylene (D029)	100 (45.4)
2,4-Dinitrotoluene (D030)	10 (4.54)
Endrin (D012)	1 (0.454)
Heptachlor (and epoxide) (D031)	1 (0.454)
Hexachlorobenzene (D032)	10 (4.54)
Hexachlorobutadiene (D033)	1 (0.454)
Hexachloroethane (D034)	100 (45.4)
Lead (D008)	10 (4.54)
Lindane (D013)	1 (0.454)
Mercury (D009)	1 (0.454)
Methoxychlor (D014)	1 (0.454)
Methyl ethyl ketone (D035)	5000 (2270)
Nitrobenzene (D036)	1000 (454)
Pentachlorophenol (D037)	10 (4.54)
Pyridine (D038)	1000 (454)
Selenium (D010)	10 (4.54)
Silver (D011)	1 (0.454)
Tetrachloroethylene (D039)	100 (45.4)
Toxaphene (D015)	1 (0.454)
Trichloroethylene (D040)	100 (45.4)
2,4,5-Trichlorophenol (D041)	10 (4.54)
2,4,6-Trichlorophenol (D042)	10 (4.54)
2,4,5-TP (D017)	100 (45.4)
Vinyl chloride (D043)	1 (0.454)
Uracil mustard	10 (4.54)
Uranyl acetate	100 (45.4)
Uranyl nitrate	100 (45.4)
Urea, N-ethyl-N-nitroso-	1 (0.454)
Urea, N-methyl-N-nitroso-	1 (0.454)

Urethane	100 (45.4)
Vanadic acid, ammonium salt	1000 (454)
Vanadium oxide V ₂ O ₅	1000 (454)
Vanadium pentoxide	1000 (454)
Vanadyl sulfate	1000 (454)
Vinyl acetate	5000 (2270)
Vinyl acetate monomer	5000 (2270)
Vinylamine, N-methyl-N-nitroso-	10 (4.54)
Vinyl bromide	100 (45.4)
Vinyl chloride	1 (0.454)
Vinylidene chloride	100 (45.4)
Warfarin, & salts	100 (45.4)
Xylene	100 (45.4)
m-Xylene	1000 (454)
o-Xylene	1000 (454)
p-Xylene	100 (45.4)
Xylene (mixed)	100 (45.4)
Xylenes (isomers and mixture)	100 (45.4)
Xylenol	1000 (454)
Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta,20alpha)	5000 (2270)
Zinc ^t	1000 (454)
Zinc acetate	1000 (454)
Zinc ammonium chloride	1000 (454)
Zinc, bis(dimethylcarbamodithioato-S,S')-	10 (4.54)
Zinc borate	1000 (454)
Zinc bromide	1000 (454)
Zinc carbonate	1000 (454)
Zinc chloride	1000 (454)
Zinc cyanide Zn(CN) ₂	10 (4.54)
Zinc fluoride	1000 (454)
Zinc formate	1000 (454)

Zinc hydrosulfite	1000 (454)
Zinc nitrate	1000 (454)
Zinc phenolsulfonate	5000 (2270)
Zinc phosphide Zn_3P_2	100 (45.4)
Zinc silicofluoride	5000 (2270)
Zinc sulfate	1000 (454)
Ziram	10 (4.54)
Zirconium nitrate	5000 (2270)
Zirconium potassium fluoride	1000 (454)
Zirconium sulfate	5000 (2270)
Zirconium tetrachloride	5000 (2270)
F001	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Trichloroethylene	100 (45.4)
(c) Methylene chloride	1000 (454)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Carbon tetrachloride	10 (4.54)
(f) Chlorinated fluorocarbons	5000 (2270)
F002	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Methylene chloride	1000 (454)
(c) Trichloroethylene	100 (45.4)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Chlorobenzene	100 (45.4)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	5000 (2270)
(g) o-Dichlorobenzene	100 (45.4)
(h) Trichlorofluoromethane	5000 (2270)
(i) 1,1,2-Trichloroethane	100 (45.4)
F003	100 (45.4)
(a) Xylene	1000 (454)
(b) Acetone	5000 (2270)
(c) Ethyl acetate	5000 (2270)

(d) Ethylbenzene	1000 (454)
(e) Ethyl ether	100 (45.4)
(f) Methyl isobutyl ketone	5000 (2270)
(g) n-Butyl alcohol	5000 (2270)
(h) Cyclohexanone	5000 (2270)
(i) Methanol	5000 (2270)
F004	100 (45.4)
(a) Cresols/Cresylic acid	100 (45.4)
(b) Nitrobenzene	1000 (454)
F005	100 (45.4)
(a) Toluene	1000 (454)
(b) Methyl ethyl ketone	5000 (2270)
(c) Carbon disulfide	100 (45.4)
(d) Isobutanol	5000 (2270)
(e) Pyridine	1000 (454)
F006	10 (4.54)
F007	10 (4.54)
F008	10 (4.54)
F009	10 (4.54)
F010	10 (4.54)
F011	10 (4.54)
F012	10 (4.54)
F019	10 (4.54)
F020	1 (0.454)
F021	1 (0.454)
F022	1 (0.454)
F023	1 (0.454)
F024	1 (0.454)
F025	1 (0.454)
F026	1 (0.454)
F027	1 (0.454)
F028	1 (0.454)

F032	1 (0.454)
F034	1 (0.454)
F035	1 (0.454)
F037	1 (0.454)
F038	1 (0.454)
F039	1 (0.454)
K001	1 (0.454)
K002	10 (4.54)
K003	10 (4.54)
K004	10 (4.54)
K005	10 (4.54)
K006	10 (4.54)
K007	10 (4.54)
K008	10 (4.54)
K009	10 (4.54)
K010	10 (4.54)
K011	10 (4.54)
K013	10 (4.54)
K014	5000 (2270)
K015	10 (4.54)
K016	1 (0.454)
K017	10 (4.54)
K018	1 (0.454)
K019	1 (0.454)
K020	1 (0.454)
K021	10 (4.54)
K022	1 (0.454)
K023	5000 (2270)
K024	5000 (2270)
K025	10 (4.54)
K026	1000 (454)
K027	10 (4.54)

K028	1 (0.454)
K029	1 (0.454)
K030	1 (0.454)
K031	1 (0.454)
K032	10 (4.54)
K033	10 (4.54)
K034	10 (4.54)
K035	1 (0.454)
K036	1 (0.454)
K037	1 (0.454)
K038	10 (4.54)
K039	10 (4.54)
K040	10 (4.54)
K041	1 (0.454)
K042	10 (4.54)
K043	10 (4.54)
K044	10 (4.54)
K045	10 (4.54)
K046	10 (4.54)
K047	10 (4.54)
K048	10 (4.54)
K049	10 (4.54)
K050	10 (4.54)
K051	10 (4.54)
K052	10 (4.54)
K060	1 (0.454)
K061	10 (4.54)
K062	10 (4.54)
K064	10 (4.54)
K065	10 (4.54)
K066	10 (4.54)
K069	10 (4.54)

K071	1 (0.454)
K073	10 (4.54)
K083	100 (45.4)
K084	1 (0.454)
K085	10 (4.54)
K086	10 (4.54)
K087	100 (45.4)
K088	10 (4.54)
K090	10 (4.54)
K091	10 (4.54)
K093	5000 (2270)
K094	5000 (2270)
K095	100 (45.4)
K096	100 (45.4)
K097	1 (0.454)
K098	1 (0.454)
K099	10 (4.54)
K100	10 (4.54)
K101	1 (0.454)
K102	1 (0.454)
K103	100 (45.4)
K104	10 (4.54)
K105	10 (4.54)
K106	1 (0.454)
K107	10 (4.54)
K108	10 (4.54)
K109	10 (4.54)
K110	10 (4.54)
K111	10 (4.54)
K112	10 (4.54)
K113	10 (4.54)
K114	10 (4.54)

K115	10 (4.54)
K116	10 (4.54)
K117	1 (0.454)
K118	1 (0.454)
K123	10 (4.54)
K124	10 (4.54)
K125	10 (4.54)
K126	10 (4.54)
K131	100 (45.4)
K132	1000 (454)
K136	1 (0.454)
K141	1 (0.454)
K142	1 (0.454)
K143	1 (0.454)
K144	1 (0.454)
K145	1 (0.454)
K147	1 (0.454)
K148	1 (0.454)
K149	10 (4.54)
K150	10 (4.54)
K151	10 (4.54)
K156	10 (4.54)
K157	10 (4.54)
K158	10 (4.54)
K159	10 (4.54)
K161	1 (0.454)
K169	10 (4.54)
K170	1 (0.454)
K171	1 (0.454)
K172	1 (0.454)
K174	1 (0.454)
K175	1 (0.454)

K176	1 (0.454)
K177	5000 (2270)
K178	1000 (454)
K181	1 (0.454)