

(5) The outer packaging may not exceed 4 L (1 gallon) capacity.

(c) *Solid diagnostic specimens.* Solid diagnostic specimens must be packaged in a triple packaging, consisting of a primary receptacle, secondary packaging, and outer packaging, conforming to the following provisions:

(1) The primary receptacle must be siftproof with a capacity of not more than 500 g (1.1 pounds).

(2) If several fragile primary receptacles are placed in a single secondary packaging, they must be individually wrapped or separated so as to prevent contact between them.

(3) The secondary packaging must be leakproof.

(4) The outer packaging may not exceed 4 kg (8.8 pounds) capacity.

(d) *Used health care products.* A used health care product being returned to the manufacturer or the manufacturer's designee is excepted from the requirements of this subchapter when offered for transportation or transported in accordance with this section. For purposes of this section, a health care product is used when it has been removed from its original inner packaging. Used health care products contaminated with or suspected of contamination with a Risk Group 4 infectious substance may not be transported under the provisions of this section.

(1) Each used health care product must be drained of free liquid to the extent practicable and placed in a watertight primary container designed and constructed to assure that it remains intact under conditions normally incident to transportation. For a used health care product capable of cutting or penetrating skin or packaging material, the primary container must be capable of retaining the product without puncture of the packaging under normal conditions of transport. Each primary container must be marked with a BIOHAZARD marking conforming to 29 CFR 1910.1030(g)(1)(i).

(2) Each primary container must be placed inside a watertight secondary container designed and constructed to assure that it remains intact under conditions normally incident to transportation. The secondary container must be marked with a BIOHAZARD

marking conforming to 29 CFR 1910.1030(g)(1)(i).

(3) The secondary container must be placed inside an outer packaging with sufficient cushioning material to prevent movement between the secondary container and the outer packaging. An itemized list of the contents of the primary container and information concerning possible contamination with a Division 6.2 material, including its possible location on the product, must be placed between the secondary container and the outside packaging.

(e) *Training.* Each person who offers or transports a diagnostic specimen or used health care product under the provisions of this section must know about the requirements of this section.

[67 FR 53142, Aug. 14, 2002]

§ 173.201 Non-bulk packagings for liquid hazardous materials in Packing Group I.

(a) When § 172.101 of this subchapter specifies that a liquid hazardous material be packaged under this section, only non-bulk packagings prescribed in this section may be used for its transportation. Each packaging must conform to the general packaging requirements of subpart B of part 173, to the requirements of part 178 of this subchapter at the Packing Group I performance level, and to the requirements of the special provisions of column 7 of the § 172.101 table.

(b) The following combination packagings are authorized:

Outer packagings:

Steel drum: 1A1 or 1A2
 Aluminum drum: 1B1 or 1B2
 Metal drum other than steel or aluminum:
 1N1 or 1N2
 Plywood drum: 1D
 Fiber drum: 1G
 Plastic drum: 1H1 or 1H2
 Steel jerrican: 3A1 or 3A2
 Plastic jerrican: 3H1 or 3H2
 Aluminum jerrican: 3B1 or 3B2
 Steel box: 4A
 Aluminum box: 4B
 Natural wood box: 4C1 or 4C2
 Plywood box: 4D
 Reconstituted wood box: 4F
 Fiberboard box: 4G
 Expanded plastic box: 4H1
 Solid plastic box: 4H2

Inner packagings:

Glass or earthenware receptacles
 Plastic receptacles

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Metal receptacles
Glass ampoules

(c) Except for transportation by passenger aircraft, the following single packagings are authorized:

- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Metal drum other than steel, or aluminum: 1N1 or 1N2
- Plastic drum: 1H1 or 1H2
- Steel jerrican: 3A1 or 3A2
- Plastic jerrican: 3H1 or 3H2
- Aluminum jerrican: 3B1 or 3B2
- Plastic receptacle in steel, aluminum, fiber or plastic drum: 6HA1, 6HB1, 6HG1, 6HH1
- Plastic receptacle in steel, aluminum, wood- en, plywood or fiberboard box: 6HA2, 6HB2, 6HC, 6HD2 or 6HG2
- Glass, porcelain or stoneware in steel, alu- minium or fiber drum: 6PA1, 6PB1 or 6PG1
- Glass, porcelain or stoneware in steel, alu- minium, wooden or fiberboard box: 6PA2, 6PB2, 6PC or 6PG2
- Glass, porcelain or stoneware in solid or ex- panded plastic packaging: 6PH1 or 6PH2
- Cylinders, specification, as prescribed for any compressed gas, except for Specifica- tions 8 and 3HT

[Amdt. 173–224, 55 FR 52634, Dec. 21, 1990, as amended by Amdt. 173–241, 59 FR 67518, Dec. 29, 1994; Amdt. 173–261, 62 FR 24734, May 6, 1997]

§ 173.202 Non-bulk packagings for liq- uid hazardous materials in Packing Group II.

(a) When §172.101 of this subchapter specifies that a liquid hazardous mate- rial be packaged under this section, only non-bulk packagings prescribed in this section may be used for its trans- portation. Each packaging must con- form to the general packaging require- ments of subpart B of part 173, to the requirements of part 178 of this sub- chapter at the Packing Group I or II performance level (unless otherwise ex- cepted), and to the particular require- ments of the special provisions of col- umn 7 of the §172.101 table.

(b) The following combination pack- agings are authorized:

Outer packagings:

- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Metal drum other than steel or aluminum: 1N1 or 1N2
- Plywood drum: 1D
- Fiber drum: 1G
- Plastic drum: 1H1 or 1H2
- Wooden barrel: 2C2
- Steel jerrican: 3A1 or 3A2

- Plastic jerrican: 3H1 or 3H2
- Aluminum jerrican: 3B1 or 3B2
- Steel box: 4A
- Aluminum box: 4B
- Natural wood box: 4C1 or 4C2
- Plywood box: 4D
- Reconstituted wood box: 4F
- Fiberboard box: 4G
- Expanded plastic box: 4H1
- Solid plastic box: 4H2

Inner packagings:

- Glass or earthenware receptacles
- Plastic receptacles
- Metal receptacles
- Glass ampoules

(c) Except for transportation by pas- senger aircraft, the following single packagings are authorized:

- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Metal drum other than steel or aluminum: 1N1 or 1N2
- Plastic drum: 1H1 or 1H2
- Fiber drum: 1G (with liner)
- Wooden barrel: 2C1
- Steel jerrican: 3A1 or 3A2
- Plastic jerrican: 3H1 or 3H2
- Aluminum jerrican: 3B1 or 3B2
- Plastic receptacle in steel, aluminum, fiber or plastic drum: 6HA1, 6HB1, 6HG1 or 6HH1
- Plastic receptacle in steel, aluminum, wood- en, plywood or fiberboard box: 6HA2, 6HB2, 6HC, 6HD2 or 6HG2
- Glass, porcelain or stoneware in steel, alu- minium or fiber drum: 6PA1, 6PB1 or 6PG1
- Glass, porcelain or stoneware in steel, alu- minium, wooden or fiberboard box: 6PA2, 6PB2, 6PC or 6PG2
- Glass, porcelain or stoneware in solid or ex- panded plastic packaging: 6PH1 or 6PH2
- Plastic receptacle in plywood drum: 6HD1
- Glass, porcelain or stoneware in plywood drum or wickerwork hamper: 6PDI or 6PD2
- Cylinders, specification, as prescribed for any compressed gas, except for Specifica- tions 8 and 3HT

[Amdt. 173–224, 55 FR 52643, Dec. 21, 1990, as amended at 56 FR 66271, Dec. 20, 1991; Amdt 173–241, 59 FR 67518, Dec. 29, 1994; Amdt. 173– 261, 62 FR 24734, May 6, 1997; 62 FR 51560, Oct. 1, 1997]

§ 173.203 Non-bulk packagings for liq- uid hazardous materials in Packing Group III.

(a) When §172.101 of this subchapter specifies that a liquid hazardous mate- rial be packaged under this section, only non-bulk packagings prescribed in this section may be used for its trans- portation. Each packaging must con- form to the general packaging require- ments of subpart B of part 173, to the