

SCHEDULE 6

Regulation 8(3)

REQUIREMENTS FOR THE CARRIAGE IN BULK IN CONTAINERS OF CERTAIN DANGEROUS GOODS

Application

1. This Schedule only applies where the dangerous goods specified herein are, or are to be, carried in bulk in a container.

Flammable solids

2. A container carrying the goods UN 1334 NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED shall be

- (a) closed and have a metal body; or
- (b) covered with a non-combustible sheet; and
 - (i) have a metal body, or
 - (ii) have its floor and sides protected from the load.

3.—(1) A container carrying the goods UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.*—

- (a) may be open, provided it is sheeted; and
- (b) shall have adequate ventilation.

(2) Suitable measures shall be taken to ensure that none of the contents, particularly liquid components, of a container carrying the goods referred to in sub-paragraph (1) above can escape.

4. A container carrying flammable solids, other than those specified in paragraphs 2 and 3, shall be closed or sheeted.

Spontaneously combustible substances

5. A container carrying spontaneously combustible substances shall be closed or sheeted and have a metal body.

Substances which in contact with water emit flammable gas

6. A container carrying the goods UN 3170 ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS of packing group II

- (a) may be open, provided it is sheeted; and
- (b) shall be well-ventilated.

7. A container carrying any of the following goods shall be closed or sheeted—

UN 3170	ALUMINIUM SMELTING BY-PRODUCTS ALUMINIUM REMELTING BY-PRODUCTS OF PACKING GROUP III
UN 1408	FERROSILICON WITH $\geq 30\%$ BUT $< 90\%$ SILICON
UN 1405	CALCIUM SILICIDE IN PIECES OF PACKING GROUPS II AND III

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UN 2844

CALCIUM MAGNESIUM SILICON IN PIECES

8. The openings used for loading and unloading in a container carrying substances which in contact with water emit flammable gas, other than those specified in paragraphs 6 and 7, shall be capable of being closed hermetically.

Oxidizing substances

9. Packages containing any of the following goods shall not be carried in bulk in a container—

UN 2015	HYDROGEN PEROXIDE, STABILISED OR HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILISED
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UN 1510	TETRANITROMETHANE,
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10. A container carrying any of the following goods—

UN 1438	ALUMINIUM NITRATE
UN 1451	CAESIUM NITRATE
UN 1454	CALCIUM NITRATE
UN 1465	DIDYMIUM NITRATE
UN 1466	FERRIC NITRATE
UN 1467	GUANIDINE NITRATE
UN 1474	MAGNESIUM NITRATE
UN 1477	NITRATES, INORGANIC, N.O.S.
UN 1486	POTASSIUM NITRATE
UN 1498	SODIUM NITRATE
UN 1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE
UN 1507	STRONTIUM NITRATE
UN 2067	AMMONIUM NITRATE FERTILISERS
UN 2068	AMMONIUM NITRATE FERTILISERS
UN 2069	AMMONIUM NITRATE FERTILISERS
UN 2070	AMMONIUM NITRATE FERTILISERS
UN 2720	CHROMIUM NITRATE
UN 2722	LITHIUM NITRATE
UN 2724	MANGANESE NITRATE
UN 2725	NICKEL NITRATE
UN 2728	ZIRCONIUM NITRATE

UN 3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
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shall be—

- (a) covered with a lid or an impermeable non-combustible sheet; and
- (b) so constructed that either—
 - (i) the goods in the container cannot come into contact with wood or any other combustible material, or
 - (ii) the entire surface of the floor and sides, if made of wood—
 - (aa) has been provided with an impermeable surfacing resistant to combustion, or
 - (bb) has been coated with sodium silicate or a similar substance.

11. A container carrying oxidizing substances, other than those specified in paragraphs 9 and 10, shall be—

- (a) made of metal;
- (b) leak-proof;
- (c) covered with a lid or an impermeable sheet resistant to combustion; and
- (d) so constructed that the goods contained therein cannot come into contact with wood or any other combustible material.

Organic peroxides

12. Packages containing any of the following goods shall not be carried in bulk in a container—

UN 3101	ORGANIC PEROXIDE TYPE B, LIQUID*
UN 3102	ORGANIC PEROXIDE TYPE B, SOLID*

Toxic substances

13. A container carrying any of the following goods—

UN 1884	BARIUM OXIDE
UN 1564	BARIUM COMPOUNDS, TOXIC, N.O.S. OF PACKING GROUP III
UN 3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.*

Waste toxic substances of packing group III—

- (a) shall be sheeted or covered; and
- (b) shall have complete sides.

14. A container carrying the goods UN 3243 SOLIDS CONTAINING TOXIC LIQUID, N.O.S.* shall be leak-proof or rendered leak-proof, for example by the provision of a suitable and sufficiently stout inner lining.

15. A container carrying solid wastes containing toxic substances, other than those toxic substances specified in paragraphs 13 and 14, shall—

- (a) be sheeted or covered; and

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(b) have complete sides.

Corrosive substances

16.—(1) The following goods shall be carried in a large container under sole use—

UN 1794	LEAD SULPHATE
UN 2506	AMMONIUM HYDROGEN SULPHATE
UN 2509	POTASSIUM HYDROGEN SULPHATE

(2) A container carrying any of the goods referred to in sub-paragraph (1) above shall—

- (a) be equipped with a suitable inner lining;
- (b) be sheeted or covered; and
- (c) have complete sides.

17. The provisions of paragraph 16 shall apply to containers carrying the solid wastes of any of the following goods—

UN 3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.*
UN 2506	AMMONIUM HYDROGEN SULPHATE
UN 2509	POTASSIUM HYDROGEN SULPHATE

18.—(1) The provisions of paragraph 16(1), (2)(b) and (2)(c) shall apply to containers carrying the goods UN 3244 SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.*

(2) A container carrying the goods referred to in sub-paragraph (1) above shall be leak-proof or rendered leak-proof, for example by the provision of a suitable and sufficiently stout inner lining.

19. A container carrying solid wastes containing corrosive substances, other than those corrosive substances specified in paragraphs 16 to 18, shall—

- (a) be sheeted or covered; and
- (b) have complete sides.