

SCHEDULE 5

Regulation 8(2)

REQUIREMENTS FOR THE CARRIAGE IN BULK
IN VEHICLES 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 vehicle.

Flammable solids

2. A vehicle 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 vehicle 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 where a vehicle is carrying the goods referred to in sub-paragraph (i) above, none of those goods particularly any liquid components thereof, can escape.

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

Spontaneously combustible substances

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

Substances which in contact with water emit flammable gas

6. A vehicle 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 vehicle carrying any of the following goods shall be closed or sheeted—

UN 3170	ALUMINIUM SMELTING BY-PRODUCTS OR ALUMINIUM REMELTING BY-PRODUCTS OF PACKING GROUP II
UN 1408	FERROSILICON WITH $\geq 30\%$ BUT $< 90\%$ SILICON

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UN 1405	CALCIUM SILICIDE IN PIECES OF PACKING GROUPS II AND III
UN 2844	CALCIUM MAGNESIUM SILICON in pieces

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

Oxidizing substances

9.—(1) Where oxidizing substances are carried in a sheeted vehicle, the sheet shall be of an impermeable non-combustible material.

- (2) A vehicle carrying oxidizing substances shall be so constructed that either—
 - (a) the goods cannot come into contact with wood or any other combustible material; or
 - (b) the entire surface of the floor and sides, if combustible, have been provided with—
 - (i) an impermeable and incombustible surfacing, or
 - (ii) treated with substances rendering any wood with which the goods may come into contact difficult to ignite.

(3) Steps shall be taken to ensure that if a leakage occurs in a vehicle carrying oxidizing substances those substances cannot come into contact with wood or any other combustible material.

Toxic substances

10.—(1) The following goods shall be carried in a vehicle under sole use—

UN 1884	BARIUM OXIDE
UN 1564	BARIUM COMPOUNDS, TOXIC, N.O.S. OF PACKING GROUP III

Solid wastes containing either of these goods.

(2) A vehicle carrying any of the goods referred to in sub-paragraph (1) above may be open, provided it is sheeted.

11.—(1) The goods UN 3243 SOLIDS CONTAINING TOXIC LIQUID, N.O.S.* shall be carried in a vehicle under sole use.

- (2) A vehicle carrying the goods referred to in sub-paragraph (1) above—
 - (a) may be open, provided it is sheeted; and
 - (b) shall be leak-proof or rendered leak-proof, for example, by the provision of a suitable and sufficiently stout inner lining.

12. Toxic substances, other than those specified in paragraphs 10 and 11 or solid wastes containing those toxic substances specified in paragraphs 10 and 11, shall not be carried in bulk in a vehicle.

Corrosive substances

13. Solid wastes which are classified as corrosive substances of packing group III shall be carried in a vehicle under sole use.

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14.—(1) The following goods shall be carried in a vehicle under sole use.

UN 1794	LEAD SULPHATE
UN 2506	AMMONIUM HYDROGEN SULPHATE
UN 2509	POTASSIUM HYDROGEN SULPHATE
UN 3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.*

- (a) (2) (a) A vehicle carrying any of the goods referred to in sub-paragraph (1) above shall be equipped with a suitable and sufficiently stout inner lining; and
(b) where the vehicle is sheeted, the sheet shall be so placed that it cannot touch the load.

15. The provisions of paragraph 14 shall apply to vehicles carrying 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

16. A vehicle carrying the goods UN 3244 SOLIDS CONTAINING CORROSIVE 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.

17. Only those corrosive substances which are listed in paragraphs 14 to 16 or solid wastes containing those corrosive substances may be carried in bulk in a vehicle.

Miscellaneous dangerous goods

18. A vehicle carrying any of the following goods—

UN 2211	POLYMERIC BEADS, EXPANDABLE
UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.*

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