

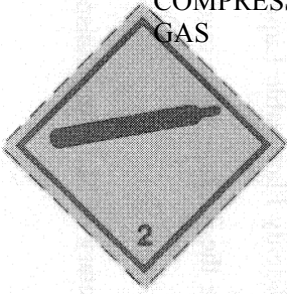
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SCHEDULE 1


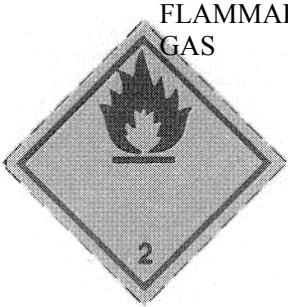
CLASSIFICATION AND ASCERTAINMENT OF
OTHER PARTICULARS OF DANGEROUS GOODS

PART I

TABLE OF CLASSIFICATIONS AND OTHER PARTICULARS

| (1) <i>Classification</i> | (2) <i>Hazardous properties</i> | (3) <i>Relevant properties</i> | (4) <i>Packing Group</i> | (5) <i>Class number</i> | (6) <i>Danger sign</i> | (7) <i>Optional lettering</i> |
|------------------------------|--|-----------------------------------|-----------------------------|----------------------------|--|----------------------------------|
| Non-flammable, non-toxic gas | A substance which— (a) at 50°C has a vapour pressure greater than 300 kilopascals absolute or is completely gaseous at 20°C at a standard pressure of 101.3 kilopascals; and (b) is carried at an absolute pressure of not less than 280 kilopascals or in liquefied form, other than a toxic gas or | — | — | 2.2 |  | COMPRESSED GAS |

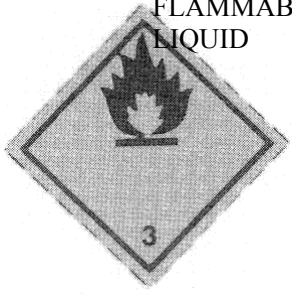
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|------------------------------|---|-----------------------------------|-----------------------------|----------------------------|---|----------------------------------|
| | a flammable gas. | | | | | |
| Toxic gas | A substance which at 50°C has a vapour pressure greater than 300 kilopascals absolute or is completely gaseous at 20°C at a standard pressure of 101.3 kilopascals and which is toxic. | — | — | 2.3 |  | |
| Flammable gas | A substance which— (a) at 50°C has a vapour pressure greater than 300 kilopascals absolute or is completely gaseous at 20°C at a standard pressure of 101.3 kilopascals and is flammable; or (b) is packed | — | — | 2.1 |  | |

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| | <p>in an aerosol dispenser where that dispenser contains either—</p> <p>(i) more than 45 per cent by mass of a flammable substance,</p> <p>or</p> <p>(ii) more than 250 grammes of a flammable substance,</p> <p>and in this sub-paragraph flammable substances means a flammable gas or flammable liquid having a flash point less than or equal to 100°C.</p> | | | | | |

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|------------------------------|--|--|-----------------------------|----------------------------|---|----------------------------------|
| Flammable liquid | <p>A liquid with a flash point—</p> <p>(a) above 61°C and which is carried at a temperature above its flashpoint;</p> <p>or</p> <p>(b) of 61°C or below except—</p> <p>(i) a liquid which has a flashpoint equal to or more than 35°C, and when tested in accordance with the appropriate approved method does not support combustion,</p> <p>(ii) a viscous substance</p> | <p>(a) (in a) I the case of any liquid having a flash point of less than 23°C and containing either not more than 5% of toxic or corrosive substances with a packing group of I or II or not more than 5% of flammable liquids with a packing group of I and</p> | | 3 |  | FLAMMABLE LIQUID |

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|------------------------------|------------------------------------|---|---|----------------------------|---------------------------|----------------------------------|
| | | which complies with the provisions of Part III of this Schedule and is contained in a receptacle with a capacity of less than 450 litres, or | a subsidiary hazard of toxic or corrosive)– | | | |
| | (iii) | a substance which is classified as a flammable gas because it has the hazardous properties specified in sub-paragraph (b) of this column corresponding to | (i) less than 3% of it separates out into a clear solvent layer following a suitable solvent separation test, (ii) the flash point of it is specified in column 1 of the table set out in Part IV of this Schedule, (iii) the kinematic viscosity | | | |

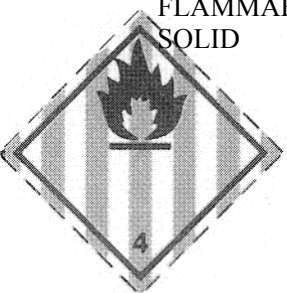
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|------------------------------|------------------------------------|---|--|----------------------------|---------------------------|----------------------------------|
| | | the entry for a “flammable gas” in column 1 of this Part. | of it is within the range specified in column 2 of the table set out in Part IV of this Schedule which is opposite to the flash point of that liquid referred to in head (ii) of this sub-paragraph, and | | | |
| | | | (iv) is contained in a receptacle with a capacity | | | |

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|-----------------------|-------------------|---|--|---------------|---------------|------------------|
| <i>Classification</i> | <i>Hazardous</i> | <i>Relevant</i> | <i>Packing</i> | <i>Class</i> | <i>Danger</i> | <i>Optional</i> |
| <i>properties</i> | <i>properties</i> | <i>properties</i> | <i>Group</i> | <i>number</i> | <i>sign</i> | <i>lettering</i> |
| | | | of less than 450 litres; or | | | |
| | | (b) (in(b) the case of any other liquid) it has— | | | | |
| | | (i) an I initial boiling point not greater than 35°C, | | | | |
| | | (ii) an II initial boiling point above 35°C and a flash point of less than 23°C, or | | | | |
| | | (iii) an III initial boiling point above 35°C and a flash point of 23°C | | | | |

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|------------------------------|---|-----------------------------------|-----------------------------|----------------------------|---|----------------------------------|
| Flammable solid | (a) a substance which, under conditions encountered in transport, is readily combustible or may cause or contribute to fire through friction; (b) a self-reactive or related substance which is liable to undergo a strongly exothermic reaction; (c) a desensitised explosive where the explosive properties have been suppressed. | or above. | | 4.1 |  | FLAMMABLE SOLID |

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(water-(d)
wetted
and
(when
in
a
dry
state)
required
to
be
classified
(as
defined
by
2
regulation
of
the
Classification
and
Labelling
of
Explosives
Regulations
1983)
in
pursuance
of
3
regulation
(a)
of
those
Regulations;

- (b) (i) a self-reactive substance, or
- (ii) a readily combustible solid which, when ignited, burns very vigorously or

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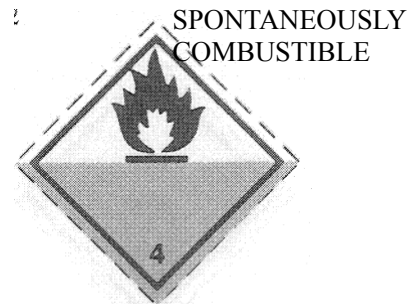
intensely
and
is
difficult
to
extinguish;
or

- (c) a(d)I readily combustible solid which when ignited burns vigorously or intensely.

Spontaneously combustible substance
A substance which is liable to spontaneous heating under conditions encountered in carriage or to heating in contact with air being then liable to catch fire.

A substance which is—

4.2



- (a) a(d) pyrophoric substance which ignites instantly on contact with air;

- (b) a(d) substance liable to ignite on contact

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with air within a short space of time, particularly under conditions of spillage; or

(c) any other substance which is liable to ignite on contact with air.

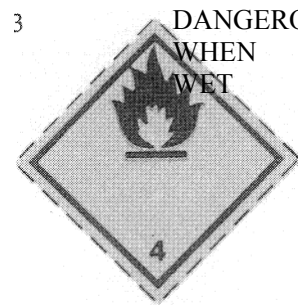
Substance which in contact with water emits flammable gas

A substance which in contact with water is liable to become spontaneously combustible or to give off a flammable gas.

A substance which—

4.3

3



DANGEROUS
WHEN
WET

(d) other (d) reacts vigorously with water at ambient temperatures and demonstrates

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|------------------------------|------------------------------------|--|---|----------------------------|---------------------------|----------------------------------|
| | | | <p>generally a tendency for the gas produced to ignite spontaneously or reacts readily with water at ambient temperatures so that the rate of evolution of flammable gas is equal to or greater than 10 litres per kilogram of substance over any period of one minute;</p> | | | |
| | | <p>(b) reacts (H) readily with water</p> | | | | |


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at ambient temperatures so that the maximum rate of evolution of flammable gas is equal to or greater than 20 litres per kilogram of substance per hour; or

(c) acts (d) slowly with water at ambient temperatures so that the maximum rate of evolution of flammable gas is greater than 1

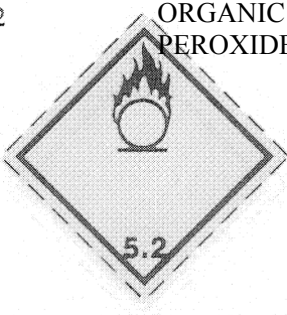
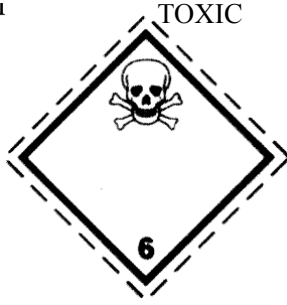
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|------------------------------|---|---|---|----------------------------|---------------------------|---|
| | | | litre per kilogram of substance per hour. | | | |
| Oxidizing substance | A substance other than an organic peroxide which, although not necessarily combustible, may by yielding oxygen or by a similar process cause or contribute to the combustion or other material. | A solid substance which, when mixed with cellulose in a ratio of either 1:4 or 1:1 by mass, exhibits a burning rate at least as fast as that for a— | | 5.1 | .1 | OXIDIZING AGENT  |
| | | (a) 3:2(d) mixture by mass of potassium bromate and cellulose; | | | | |
| | | (b) 2:3(H) mixture by mass of potassium bromate and cellulose; or | | | | |
| | | (c) 3:7(d)II mixture by | | | | |


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| <i>properties</i> | <i>properties</i> | <i>properties</i> | <i>Group</i> | <i>number</i> | <i>sign</i> | <i>lettering</i> |
| | | | mass of potassium bromate and cellulose. | | | |
| | | A liquid substance which, when mixed with cellulose in a ratio of 1:1 by mass, exhibits a pressure rise at least as fast as that of a 1:1 mixture by mass of— | | | | |
| | | | (a) 50% (d) perchloric acid and cellulose; | | | |
| | | | (b) 40% (h) aqueous sodium chlorate solution and cellulose; or | | | |
| | | | (c) 65% (d) aqueous nitric acid and cellulose. | | | |

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|------------------------------|---|---|-----------------------------|----------------------------|--|----------------------------------|
| Organic peroxide | A substance which is— (a) an organic peroxide and (b) an unstable substance which may undergo exothermic self-accelerating decomposition. | Any substance classified as an organic peroxide. | II | 5.2 |  | ORGANIC PEROXIDE |
| Toxic substance | A substance which is liable either to cause death or serious injury or to harm human health if swallowed or inhaled or by skin contact. | A substance which has been allocated to— | | 6.1 |  | TOXIC |
| | | (a) packing (d) group I in accordance with the criteria set out in Part V of this Schedule; | | | | |
| | | (b) packing (II) group II | | | | |

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| Infectious substance | A substance which either contains viable micro-organisms that are known or reasonably believed to cause disease in animals or humans or genetically-modified micro-organisms and | — | — | 6.2 | 2 | INFECTIOUS SUBSTANCE  |

in accordance with the criteria set out in Part V of this Schedule; or
 packing (d) group III in accordance with the criteria set out in Part V of this Schedule.

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organisms which are infectious.

Corrosive substance

A substance which by chemical action will—

A substance which—

8



- (a) cause (a) severe damage when in contact with living tissue; or
- (b) materially damage freight or equipment if leakage occurs.
- (a) causes (a) full thickness destruction of skin tissue at the site of contact with an observation period of 60 minutes starting after testing on the intact skin of an animal for a period of 3 minutes

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or
less;

(c) uses (H)

full
thickness
destruction
of
skin
tissue
at
the
site
of
contact
with
an
observation
period
of
14
days
starting
after
testing
on
the
intact
skin
of
an
animal
or
a
period
of
more
than
3
minutes
but
not
more
than
60
minutes;

(c) uses (D)

full
thickness
destruction

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|------------------------------|------------------------------------|---|--|----------------------------|---------------------------|----------------------------------|
| | | | of skin tissue at the site of contact with an observation period of 14 days starting after testing on the intact skin of an animal for a period of more than 60 minutes but not more than 4 hours; or | | | |
| | | causes (d)I corrosion in steel or aluminium surfaces at a | | | | |

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rate exceeding 6.25 mm a year at a test temperature of 55°C.

Miscellaneous dangerous goods — (a) — 9

is listed in the approved carriage list and which may create a risk to the health or safety of persons in the conditions encountered in carriage whether or not it has any of the hazardous properties of any other classification; or (b) contains a



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|------------------------------|--|-----------------------------------|-----------------------------|----------------------------|---------------------------|----------------------------------|
| | genetically-modified micro-organism which is capable of altering animals, plants or microbiological substances in a way which is not normally the result of natural reproduction but excluding any infectious substance; | | | | | |
| | (c) is hazardous to the environment but excluding any substance which— | | | | | |
| | (i) is an explosive or radioactive material, | | | | | |
| | (ii) possesses any of the hazardous properties | | | | | |

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| | | of any other classification, or | | | | |
| | (iii) | constitutes dangerous goods for any other reason. | | | | |