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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		TOXIC GAS
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		FLAMMABLE GAS

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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 substance means a highly flammable gas or flammable liquid having a flash point equal to or less than 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, 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 the entry for a “flammable gas” in column 1 of this Part.	(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, and (iii) the kinematic			

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			viscosity 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 (i) of this sub- paragraph, or			
		(b) (in(b) the case of any other liquid)				

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		it has—				
		(i) an initial boiling point not greater than 35°C,	I			
		(ii) an initial boiling point above 35°C and a flash point of less than 23°C, or	II			
		(iii) an initial boiling point above 35°C and a flash point of 23°C or above.	III			

Flammable solid A solid which is readily combustible under conditions encountered in carriage or which may cause or contribute to

4.1



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fire through friction.

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

- (b) a (H) self-reactive substance which, when ignited, burns very vigorously or intensely and

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is difficult to extinguish; or

(c) when ignited, it 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



SPONTANEOUSLY COMBUSTIBLE

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

(b) liable to ignite on contact with air within a short space

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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



(d) either (a) reacts vigorously with water at ambient temperatures and demonstrates generally a tendency for the gas


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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>
			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;			
		reacts (H) readily with water at ambient temperatures so that the				



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			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 litre per kilogram of substance			


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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 substance which exhibits oxidizing properties to a degree— (a) greater than potassium bromate; (b) equal to or greater than ammonium perchlorate; or (c) equal to or greater than ammonium persulphate.	per hour.	5.1		OXIDIZING AGENT


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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 known to be toxic to man or which, in the absence of adequate data on human toxicity, is presumed to be toxic to man.	A substance which has been allocated to—		6.1		TOXIC
		(a) packing group I in accordance with the criteria set out in Part V of this Schedule;				
		(b) packing group II in				

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			accordance with the criteria set out in Part V of this Schedule; or			
			packing (DII) group III in accordance with the criteria set out in Part V of this Schedule.			
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 organisms	—	—	6.2		

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Corrosive substance	in which genetic material has been altered through genetic modification in such a way which does not occur naturally and which may be infectious. A substance which by chemical action will-	A substance which-		8		CORROSIVE

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

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			intact skin of an animal for a period of 3 minutes or less,			
		(c) uses (b)	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 for a period of more than 3			

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			minutes but not more than 60 minutes, or			
		(c)	(i) It causes 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 for a period of more than 60 minutes but not more than			

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			4 hours; or			
		(c) (ii)	It causes corrosion in steel or aluminium surfaces at a rate exceeding 6.25 mm a year at a test temperature of 55°C.			
Other dangerous substance	A substance which 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 characteristic properties referred to above.	—	—	9	