



<b>Scope</b>	To provide descriptions of the HSNO Hazard Codes to properly inform the risk assessment process in relation to the management of Hazardous Substances.	
<b>Contents</b>	<ul style="list-style-type: none"> <li>Physical Hazard Code Descriptions (Classes 1-5)</li> <li>Health Hazard Code Descriptions (Classes 6-8)</li> </ul>	<ul style="list-style-type: none"> <li>Environmental Hazard Code Descriptions (Class 9)</li> <li>Generic or Group HSR Codes</li> </ul>
<b>Process Owner</b>	This document forms part of the Environmental Management Systems Issue and Review Process. The process is owned by the <b>National Environmental Manager</b> .	
<b>Physical Hazard Code Descriptions</b>	1.1	Substances and articles that have a mass explosion hazard
	1.2	Substances and articles that have a projection hazard but not a mass explosion hazard
	1.3	Substances and articles that have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard
	1.4	Substances and articles that present no significant explosive hazard
	1.5	Very insensitive substances that have a mass explosion hazard
	1.6	Extremely insensitive articles that do not have a mass explosion hazard
	2.1.1A	Flammable gas- high hazard
	2.1.1B	Flammable gas - medium hazard
	2.1.2A	Flammable aerosol
	3.1A	Flammable liquid - very high hazard
	3.1B	Flammable liquid - high hazard
	3.1C	Flammable liquid - medium hazard
	3.1D	Flammable liquid - low hazard
	4.1.1A	Readily combustible solids and solids that may cause fire through friction: medium hazard
	4.1.1B	Readily combustible solids and solids that may cause fire through friction: low hazard
	4.1.2A	Self-reactive substances: type A
	4.1.2B	Self-reactive substances: type B
	4.1.2C	Self-reactive substances: type C
	4.1.2D	Self-reactive substances: type D
	4.1.2E	Self-reactive substances: type E
	4.1.2F	Self-reactive substances: type F
	4.1.2G	Self-reactive substances: type G
	4.1.3A	Solid desensitised explosives: high hazard
	4.1.3B	Solid desensitised explosives: medium hazard
	4.1.3C	Solid desensitised explosives: low hazard
	4.2A	Spontaneously combustible substances: pyrophoric substances: high hazard
	4.2B	Spontaneously combustible substances: self-heating substances: medium hazard
	4.2C	Spontaneously combustible substances: self-heating substances: low hazard
	4.3A	Solids that emit flammable gas when in contact with water: high hazard
	4.3B	Solids that emit flammable gas when in contact with water: medium hazard
	4.3C	Solids that emit flammable gas when in contact with water: low hazard
5.1.1A	Oxidising substances that are liquids or solids: high hazard	
5.1.1B	Oxidising substances that are liquids or solids: medium hazard	
5.1.1C	Oxidising substances that are liquids or solids: low hazard	
5.1.2A	Oxidising substances that are gases	
5.2A	Organic peroxides: type A	
5.2B	Organic peroxides: type B	
5.2C	Organic peroxides: type C	
5.2D	Organic peroxides: type D	
5.2E	Organic peroxides: type E	



	5.2F	Organic peroxides: type F
	5.2G	Organic peroxides: type G
<b>Health Hazard Code Descriptions</b>	6.1A	Substances that are acutely toxic - Fatal
	6.1B	Substances that are acutely toxic - Fatal
	6.1C	Substances that are acutely toxic- Toxic
	6.1D	Substances that are acutely toxic - Harmful
	6.1E	Substances that are acutely toxic –May be harmful, Aspiration hazard
	6.3A	Substances that are irritating to the skin
	6.3B	Substances that are mildly irritating to the skin
	6.4A	Substances that are irritating to the eye
	6.5A	Substances that are respiratory sensitisers
	6.5B	Substances that are contact sensitisers
	6.6A	Substances that are known or presumed human mutagens
	6.6B	Substances that are suspected human mutagens
	6.7A	Substances that are known or presumed human carcinogens
	6.7B	Substances that are suspected human carcinogens
	6.8A	Substances that are known or presumed human reproductive or developmental toxicants
	6.8B	Substances that are suspected human reproductive or developmental toxicants
	6.8C	Substances that produce toxic human reproductive or developmental effects on or via lactation
	6.9A	Substances that are toxic to human target organs or systems
	6.9B	Substances that are harmful to human target organs or systems
	8.1A	Substances that are corrosive to metals
	8.2A	Substances that are corrosive to dermal tissue UN PGI
8.2B	Substances that are corrosive to dermal tissue UN PGII	
8.2C	Substances that are corrosive to dermal tissue UN PGIII	
8.3A	Substances that are corrosive to ocular tissue	
<b>Environmental Hazard Code Descriptions</b>	9.1A	Substances that are very ecotoxic in the aquatic environment
	9.1B	Substances that are ecotoxic in the aquatic environment
	9.1C	Substances that are harmful in the aquatic environment
	9.1D	Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action
	9.2A	Substances that are very ecotoxic in the soil environment
	9.2B	Substances that are ecotoxic in the soil environment
	9.2C	Substances that are harmful in the soil environment
	9.2D	Substances that are slightly harmful in the soil environment
	9.3A	Substances that are very ecotoxic to terrestrial vertebrates
	9.3B	Substances that are ecotoxic to terrestrial vertebrates
	9.3C	Substances that are harmful to terrestrial vertebrates
	9.4A	Substances that are very ecotoxic to terrestrial invertebrates
	9.4B	Substances that are ecotoxic to terrestrial invertebrates
9.4C	Substances that are harmful to terrestrial invertebrates	
<b>Generic or Group HSR Codes</b>	<b>HSR Number</b>	<b>Group Standard</b>
	HSR002624	N.O.S. (Subsidiary Hazard) Group Standard 2006
	HSR002535	Compressed Gas Mixtures (Subsidiary Hazard) Group Standard 2006
	HSR002596	Laboratory Chemicals and Reagent Kits Group Standard 2006
	HSR002530	Cleaning Products (Subsidiary Hazard) Group Standard 2006
	HSR002585	Fuel Additives (Subsidiary Hazard) Group Standard 2006
	HSR002519	Aerosols (Subsidiary Hazard) Group Standard 2006
	HSR002521	Animal Nutritional and Animal Care Products Group Standard 2006
	HSR002606	Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006
	HSR002644	Polymers (Subsidiary Hazard) Group Standard 2006
HSR002612	Metal Industry Products (Subsidiary Hazard) Group Standard 2006	
HSR002670	Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006	

HSR002503	Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006
HSR002638	Photographic Chemicals (Subsidiary Hazard) Group Standard 2006
HSR002565	Embalming Products (Subsidiary Hazard) Group Standard 2006
HSR002558	Dental Products (Subsidiary Hazard) Group Standard 2006
HSR002684	Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2006
HSR002573	Fire Fighting Chemicals Group Standard 2006
HSR100425	Pharmaceutical Active Ingredients Group Standard 2010
HSR002600	Leather and Textile Products (Subsidiary Hazard) Group Standard 2006
HSR002598	Leather and Textile products (Corrosive) Group Standard 2006
HSR002571	Fertilisers (Subsidiary Hazard) Group Standard 2006
HSR002648	Refining Catalysts Group Standard 2006
HSR002653	Solvents (Subsidiary Hazard) Group Standard 2006
HSR002544	Construction Products (Subsidiary Hazard) Group Standard 2006
HSR002549	Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2006
HSR100757	Veterinary Medicine (Limited Pack Size, Finished Dose) Standard 2012
HSR100758	Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2012
HSR100759	Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2012
HSR100628	Straight-chained Lepidopteran Sex Pheromone Group Standard 2012

**Forms associated with this Guidance Note: -**

Form Ref.	Doc. Control Ref.	Form Name:

**Revision Table**

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2	January 2019	S Cathcart		No changes	Jan 2019