

HS682: The Globally Harmonized System (GHS) Hazard Classes Summary

Refer to UNSW HS332 Hazardous Chemicals Procedure




#	Hazard Class	Hazard Category	Corresponding Hazard Statement for this specific hazard class and category	Pictogram	Signal Word	Dangerous Goods Class Diamond for comparison (if applicable).FOR INFORMATION ONLY. A label <u>should not</u> contain MIXED DG symbols and GHS symbols
4	Oxidising Gases	Category 1	May cause or intensify fire; Oxidiser		Danger	
5	Gases under Pressure	<u>Groups</u> Compressed gas Liquefied gas Dissolved gas				

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There are 10 Health Hazard Classes:

#	Hazard Class	Hazard Category	Hazard Statement	Pictogram	Signal Word	Dangerous Goods Class Diamond
1	Acute Toxicity Oral, Dermal or Inhalation					

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#	Hazard Class	Hazard Category	Hazard Statement	Pictogram	Signal Word	Dangerous Goods Class Diamond
		Skin Sensitisers Category 1, 1A, 1B	May cause an allergic skin reaction		Warning	None
5	Germ cell mutagenicity	Category 1A Category 1B Category 2	May cause genetic defects May cause genetic defects Suspected of causing genetic defects		Danger Danger Warning	None
6	Carcinogenicity	Category 1A Category 1B Category 2	May cause cancer May cause cancer Suspected of causing cancer		Danger Danger Warning	None
7	Reproductive Toxicity	Category 1A Category 1B Category 2	May damage fertility or the unborn child May damage fertility. Suspected of damaging the unborn child Suspected of damaging fertility or the unborn child	No pictogram	Danger Danger Warning	None
		Lactation Effects	May cause harm to breast-fed children		No signal word	
8	Specific Target Organ Toxicity (single exposure)	Category 1 Category 2	Causes damage to organs () May cause damage to organs	No pictogram	Danger Warning	None
		Category 3	May cause respiratory irritation or May cause drowsiness or dizziness		Warning Warning	
9	Specific Target Organ Toxicity (repeated exposure)	Category 1	Causes damage to organs () through prolonged or repeated exposure	No pictogram	Danger	None
		Category 2	May cause damage to organs through prolonged or repeated exposure		Warning	
10	Aspiration Toxicity	Category 1	May be fatal if swallowed and enters airways	No pictogram	Danger	None

There are 2 Environmental Hazard Classes which are not compulsory in Australia

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#	Hazard Class	Hazard Category	Hazard Statement	Pictogram	Signal word	Dangerous Goods Class Diamond
1	Aquatic Toxicity Acute	Category 1	Very toxic to aquatic life		Warning	None
		Category 2 Category 3	Toxic to aquatic life Harmful to aquatic life	No Pictogram	None None	None

2