

WORKSHEET 3: HAZARDOUS SUBSTANCE WORKSHEET

1 SUBSTANCE DESCRIPTION						
Substance Name						
Proprietary Name and Supplier						
Substance Form [Gas, liquid, solid, powder]						
2 AVAILABLE INFORMATION						
[Extract from packaging material, MSDS, UN Recommendation for the Transport of Dangerous Goods (8th edition)]						
UN Number						
UN Primary Class						
UN Subsidiary Class						
Packaging Group(s)						
3 ADDITIONAL INFORMATION REQUIREMENTS					DATA SOURCE	
[Extract from data sources listed in Appendix C and Material Safety Data Sheets]						
Physical Parameters	Initial boiling point (°C)					
	Flash point (°C)					
	Specific gravity @ 20°C					
	Molecular weight					
	Vapour pressure (mm Hg at 20°C)					
Toxicity Data ¹	Oral toxicity LD ₅₀ (mg/kg)					
	Dermal Toxicity LD ₅₀ (mg/kg)					
	Inhalation Toxicity LC ₅₀ (ppm)					
	Carcinogen ² [yes/no]					
Ecotoxicity Data ³	LC ₅₀ (Salmonid fish) (mg/l)					
	EC ₅₀ (Daphnia) (mg/l)					
	EC ₅₀ (Algae) (mg/l)					
	BOD ₅ (mg/kg)					
	Pesticide [yes/no]					
Other						
4 ASSESSMENT						
[Extract from information in categories 2 and 3 above and Appendix A]						
Hazard	UN Class	Division/ Packaging Group	Does hazardous property apply? [yes/no]	Effects Groups and Hazard Level ⁴		
				Fire/Explosion	Human Health	Environmental
Explosive	1.1-1.3					
Flammable Gas	2.1					
Flammable	3					