

Project COSHH Risk Assessment		Portsmouth Demolition & Salvage Ltd
Product Name: Antifreeze	Ref: 06	

Description of activity or process: <i>(including duration, frequency & quantity of substance)</i>	Antifreeze for plant and vehicles
Substance identification & name of manufacture: <i>(ensure that a copy of the latest data sheet is attached to this risk assessment)</i>	Product Name: <i>Antifreeze</i> CAS No: <i>107-21-1</i> EINECS No: <i>203-473-3</i>

Product Classification:					
	☐ Corrosive (to skin, eyes and/or metals)		☒ Other Health Hazards		☐ Oxidising Gasses, Liquids or Solids
	☐ Hazardous to Environment		☐ Explosives (incl some self-reactives)		☒ Severe Health Hazards
	☐ Gasses Under Pressure		☐ Flammable Materials		☐ Acute Toxicity

Routes of Exposure:							
Skin	☒	Eyes	☒	Inhalation	☒	Ingestion	☒

Hazard Statement:	- H302: Harmful if swallowed. - H373: May cause damage to organs through prolonged or repeated exposure.
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Risk Matrix: <i>(likelihood x severity)</i>	Likelihood	Severity		
		minor - 1	major -2	serious - 3
	low – 1	low 1	low 2	med 3
	medium -2	low 2	med 4	high 6
	high -3	med 3	high 6	high 9
	rating:	L2xS2=Med 4		

Person(s) at Risk:			
Employees	☒	Visitors	☐
Building Users	☐	Public	☐
Young Persons	☐		
Workplace Control Measures:	- Prevent from entering sewers or in the immediate environment. - Wear appropriate PPE. - Use barrier creams. - Wash hands before breaks and at the end of work. - Keep away from sources of heat. - Avoid spilling by using funnels etc.		
Safety Phrases:	S46: If swallowed, seek medical advice immediately and show the label or this COSHH assessment		
Health Surveillance:	Yes ☐ No ☒		
Personal Protective Equipment: (state type & standard)			
 ☐ Dust Mask  ☒ Gloves  ☐ Respirator  ☐ Footwear  ☒ Goggles  ☒ Overalls  ☐ Visor  ☐ Other Type & Standard of PPE: <i>Tightly fitting goggles EN166 if risk of splashing PVC, neoprene, butyl or nitrile gloves</i>			
First Aid & Emergency Procedures:	- Bathe eye with copious amounts of clean water and seek medical attention if symptoms continue. - Wash out mouth with water, do not induce vomiting, if conscious, give half a litre of water to drink immediately and transfer to hospital as soon as possible. - If inhaled, removed casualty from exposure. - Extinguish fire with dry chemical, foam or carbon dioxide. - If spilt, absorb into dry earth or sand and collect into a container for disposal. - Omits toxic fumes in combustion.		
Storage:	- Store in suitably designed tanks or containers. - Store away from sources of heat and ignition. - Store in a ventilated area.		
Disposal of Substances & Contaminated Containers:	Hazardous Waste ☐ Skip ☐ Return to Yard ☒ Return to Supplier ☐ Other ☐		
Final Risk Rating:	Low ☒	Medium ☐	High ☐

Written By:

Lee Shirley

Date:

23-Nov-18

Review Date:

 Following any significant
change in the work process
or substance