










## COSHH ASSESSMENT FORM

<b>Risk Assessment Reference Number:</b> COSHH04		<b>Date of Assessment:</b> 31/10/2025	
<b>Assessor/s:</b> Jamie-Lee Macavoy		<b>Name of Substance:</b> Bluecol Anti-Freeze	
<b>Date of Safety Data Sheet (SDS):</b> 29/09/2016		<b>Manufacturer:</b> Tetrosyl Ltd	
<b>Use (details of the way it is used):</b> A high performance ethylene glycol-based coolant which provide the optimum level of engine cooling as well as protection against freezing down. Use in line with manufacturer's instructions on packaging.			
<b>Frequency of Exposure:</b> infrequent		<b>Duration of Exposure:</b> short duration	
<b>Workplace Exposure Limit (WEL):</b> <input type="checkbox"/> Not Assigned		ETHANEDIOL	20ppm 52mg/m <sup>3</sup> 8hours (vapour)
<b>Hazard Warning Symbols associated with substance (circle):</b>			
 Explosive	 Corrosive	 Flammable	 Serious Health Hazard
 Health Hazard		 Oxidising	 Toxic
		 Hazardous to Environment	 Gas under Pressure

Worst Case Outcome					Likelihood					Risk Rating Outcome X Likelihood		
5	4	3	2	1	5	4	3	2	1	High	Medium	Low
Fatality	Severe Injury	Lost time Injury	Minor Injury	No Injury	Certain	Very likely	likely	Unlikely	Remote	15-25	10-12	1-9

Persons affected by the Activity	Identified Hazards	Control Measures Already in Place	Outcome	Likelihood	Risk Rating	Is further action required Yes/No
Employees/ Contractors/	Respiratory problems due to inhalation	Only trained, competent personnel are authorised to use product.	2	2 Unlikely	4 Low	No



Others		Product to be used in well ventilated areas. Respiratory protection is usually not required. FFP3 mask available.	Minor Injury			
Employees	Ingestion (gastrointestinal irritation)	Ensure hands are washed prior to eating, drinking and smoking.	2 Minor Injury	1 Remote	3 Low	No
Employees/ Contractors/ Others	Irritation of eyes and skin/dermatitis due to contact	Eye protection (goggles) and protective gloves (nitrile rubber) available. EN166 eye protection, EN374 Gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use barrier creams available. Eye wash station available and adequate supply. Ensure good hygiene practices are followed.	3 Lost time Injury	2 Unlikely	6 Low	No
Employees/ Contractors/ Others	Fire and explosion	Minimal quantities are stored. Ordered as required. Suitable and sufficient fire extinguishers located in works areas. Use extinguishing media suitable for surrounding fire.	5 Fatality	1 Remote	5 Low	No
Environment	Pollution and contamination to ground and watercourse	Must be stored in line with manufacturers recommendations. Must be used in line with manufacturer's instructions. Must be disposed of in line with local waste conditions. Stop at source, contain and clean up spill.	1 No Injury	2 Unlikely	2 Low	No

Further Control Measures	Further Control Measures Follow up		
	Allocated to (Name)	Target date	Date completed

Owner: Head of Group Compliance and Transport Service	Version: 2	LF241
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Review date/s:									
Reviewed By:									