

Safety Data Sheet

Section 1 - Identification of the Material and Supplier

Product Name: Heavy Duty Antifreeze
Product Code: OI93
Product Use: Antifreeze/Antiboil
Supplier: Oil Intel Limited
 56 Whakatu Road, Whakatu
 Hastings 4172
 NEW ZEALAND
Phone: +64 (06) 871 53 25 **Fax:**
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EMERGENCY TELEPHONE NUMBER: 0800 734 607 (New Zealand)
Creation Date: December 2013
This Version Issued: July 2018 and is valid for 5 years from this date.

Section 2 – Hazards Identification

Statement of Hazardous Nature

This product is classified as: Non-Hazardous

Poisons Schedule Number: S5

Section 3 – Composition/Information on Ingredients

Ingredients	CAS No.	Conc, %	TWA (mg/m ³) STEL (mg/m ³)
Monoethyleneglycol	107-21-1	80-95	
Corrosion Inhibitors	N/A	5-20	

Section 4 First Aid Measures

Ingestion: Harmful if swallowed. Swallowing can result in signs of intoxication followed by nausea and vomiting. Immediately rinse mouth with water. If more than 15 minutes from a hospital, induce vomiting using fingers in the throat or Ipecac Syrup APF. Seek medical assistance.

Skin: May cause skin sensitisation. Repeated exposure to the skin can cause hardening and cracking and may lead to irritant contact dermatitis. Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical advice.

Eyes: Mild eye irritant. Rinse affected eye(s) thoroughly with warm gently running water, holding apart the upper and lower eyelids occasionally, for at least 20 minutes. If irritation persists, seek medical advice.

Inhalation: Irritates the respiratory tract, effects are mainly transitory and reversible.

Advice to Doctor: Treat symptomatically.

Section 5 – Fire Fighting Measures

Flashpoint: 111°C

Upper Explosion Limit (% by volume): N/A

Lower Explosion Limit (% by volume): N/A

Autoignition Temperature: N/A **Flammability Classification:**

This product is non-flammable.

Section 6 – Accidental Release Measures

Leak and Spill Procedures: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours.

Section 7 – Handling and Storage

Handling Procedures and Equipment: This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

Storage Requirements: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from acids, oxidising agents and foodstuffs. Not classified as Dangerous Goods.

Section 8 – Exposure Controls and Personal Protection

Personal Protective Equipment: Avoid contact with the skin and eyes, and avoid breathing vapours and mists. When exposure is likely, wear personal protective equipment in a combination appropriate to the exposure.

Section 9 – Physical and Chemical Properties

Physical State:

Odour and

Appearance:

Specific Gravity:

Vapour Pressure:

Vapour Density:

(Air = 1)

Evaporation Rate:

Boiling Point:

Solubility in Water:

Low. Green Clear Liquid.

1.10 – 1.20 at 20°C

0.12

N/A

N/A

120°C

Totally miscible in water and alcohols.

Section 10 – Stability and Reactivity

Chemical Stability: No danger of violent reaction or explosion.

Incompatible Materials: Acids and strong oxidising agents.

Section 11 – Toxicological Information

Section 12 – Ecological Information

Environmental Precautions: Prevent product from entering drains, watercourses and sewers. If the product does enter drains, watercourses and/or sewers, inform Police, Fire Brigade and Local Authorities immediately.

Section 13 – Disposal Considerations

Waste Disposal: Collect into suitable containers for disposal. If required, ventilate the area immediately and dispose if in accordance with local environmental protection legislation.

Section 14 – Transport Information

Correct Shipping Name: Ethyleneglycol-1,2-ethynodiol-2-dihydroxyethane

Section 15 – Regulatory Information

New Zealand Regulatory Information:

HSNO Approval Number HSR002607

HSNO Group Standard Lubricants (Toxic 6.1) Group Standard 2006

HSNO Classification

6.1 – ACUTELY TOXIC – CATEGORY D

6.4 - EYE IRRITATION - Category A (Irritant)

9.1 - AQUATIC ECOTOXICITY - Category D

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS Number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST. Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011) Copyright © Kilford & Kilford Pty Ltd, October, 2015. <http://www.kilford.com.au/> Phone (02)9251 4532