

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s)

EnviroLube HD Ultra 15W-40

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE HD ULTRA 15W-40
Product Use DIESEL ENGINE OIL

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according to the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0
Evaporation Rate NE

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Relative Density 0.88 (@15°C)
Partition Coefficient > 3.5
Viscosity typically 15 cSt (@ 100°C)
Pour Point < -10 °C
Freezing Point NE

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredient determined not to be hazardous	Not Required	100%

First Aid Measures

Swallowed Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor Treat symptomatically

Fire Fighting Measures

Extinguishing media Carbon dioxide, dry chemical, foam or water fog
Do NOT use water jets. Cool containers exposed to fire with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode

Combustion Products May emit toxic or irritating fumes, including oxides of carbon

Precautions Self contained breathing apparatus (SCBA) and full protective clothing

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Accidental Release Measures

Spills	Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water.
Disposal	Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent.

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

Transport	Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A
Storage Regulations	Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids”
Stability and Reactivity	
Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Materials to avoid	Strong oxidising agents
Hazardous Decomposition	Thermal decomposition/combustion produces noxious fumes including carbon dioxide.
Conditions to avoid	Heat, direct sunlight, open flames, oxidising agents or other sources of ignition

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Personal Protection

Eye Protection	Safety glasses
Clothing	Overalls, safety shoes and gloves.
Work/Hygienic Practices	Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
Flammability	Classified as Class C2 Combustible liquid
Fire Hazards	See Safe Handling Information.
Regulatory Information	
Poisons Schedule	Not Schedules
AICS	All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

...End of MSDS....