



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Eco Fix Oil Metal Protect
RECOMMENDED USE: Anti-Wear, Anti-Corrosion, Anti-Squeak
COMPANY NAME: Ecofixoil Limited
ADDRESS: 105 Thorn Road
Dovedale 7096
New Zealand
Website: <http://ecofixoil.co.nz>
Email: info@ecofixoil.co.nz
Phone: +64 3 970 5236

Emergency

NZ Poisons Centre: 0800 POISON (0800 764 766)
NZ Emergency Services: 111

ECO FIX OIL METAL PROTECT is an all-natural anti-corrosion barrier-oil, with the advanced lubricating and corrosion-protecting power of Eco Fix Oil. It is nontoxic and biodegrades quickly in the environment, so can safely be used where contamination from petroleum oils and their associated chemical additives is undesirable.

2. HAZARDS IDENTIFICATION

Potential Health Effects:

INHALATION: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

EYE CONTACT: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

SKIN CONTACT: Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

INGESTION: No hazards anticipated from ingestion incidental to industrial exposure

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion %
	Ingredients determined not to be hazardous		To 100%

4. FIRST AID MEASURES

EYES: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

SKIN: Wash exposed areas of the body with soap and water.

INHALATION: Remove from area of exposure; seek medical attention if symptoms persist.

INGESTION: Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 210°C (410° F) min (ASTM 93)

Flammability Limits: None known

EXTINGUISHING MEDIA: Dry chemical, foam, CO₂, water spray (fog). Water stream may splash the burning liquid and spread fire.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool drums exposed to fire. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

HAZCHEM CODE: None allocated.

6. ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Small spills into natural soil or graveled surfaces will break down quickly due to natural processes. Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials where applicable. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Oily nature will result in a slippery surface.

7. HANDLING AND STORAGE

Store in closed containers between 10°C and 50°C. Keep away from oxidizing agents, excessive heat, and ignition sources. Store and use in well ventilated areas. Do not store or use near heat, spark, or flame, store out of sun. Do not puncture, drag, or slide this container. Drum is not a pressure vessel; never use pressure to empty.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

RESPIRATORY PROTECTION: If vapors or mists are generated, wear an organic vapor/mist respirator.

PROTECTIVE CLOTHING: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760 mm Hg: >200°C Volatiles, % by Volume: <2

Specific Gravity (H₂O=1): 0.88

Solubility in H₂O, % by Volume: insoluble

Vapor Pressure, mm Hg: <2 Evaporation Rate, Butyl Acetate=1: <1

Vapor Density, Air=1: >1

Appearance and Odor: pale yellow liquid, mild odor

10. STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide along with thick smoke.

11. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state and federal disposal regulations.

12. TRANSPORT INFORMATION

PACKAGING TYPE: Bulk container

UN Number	None allocated
UN Proper shipping name	None allocated
Class	None allocated
Subsidiary risk	None allocated
Packing Group	None allocated
Special precautions for user	None
Hazchem Code	None allocated

13. REGULATORY INFORMATION:

Poison Schedule: Not scheduled

14. OTHER INFORMATION:

Issue: 2
Date of Issue: 10 November, 2023
Reasons for Issue: Updated with expanded product information

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.