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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Eco Fix Oil Chainsaw Bar Oil  
RECOMMENDED USE: Chain bar lubricant  
COMPANY NAME: Ecofixoil Limited  
ADDRESS: 105 Thorn Road  
Dovedale 7096  
New Zealand  
Website: <http://ecofixoil.co.nz>  
Email: [info@ecofixoil.co.nz](mailto:info@ecofixoil.co.nz)  
Phone: +64 3 970 5236

### Emergency

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

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## 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

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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## 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.)

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## 5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 210°C (410° F) min (ASTM 93)  
Flammability Limits: None known  
EXTINGUISHING MEDIA: Dry chemical, foam, CO<sub>2</sub>, 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.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Eco Fix Oil soaked rags or spill absorbents (i.e. oil dry, polypropylene socks, sand, etc.) can cause spontaneous combustion if stored near combustibles and not handled properly. Store Eco Fix Oil soaked rags or spill absorbents in approved safety containers and dispose of properly. Oil soaked rags may be washed with soap and water and allowed to dry in well ventilated area. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.  
HAZCHEM CODE: None allocated.



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## 6. ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials and dispose of properly to avoid spontaneous combustion (see unusual fire and explosion hazards above). 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.

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## 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.

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## 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Specific Gravity (H<sub>2</sub>O=1): 0.88

Solubility in H<sub>2</sub>O, % 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

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## 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.

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## 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.

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## 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



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### 13. REGULATORY INFORMATION:

Poison Schedule: Not scheduled

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### 14. OTHER INFORMATION:

**Issue:** 1  
**Date of Issue:** 3rd June, 2019  
**Reasons for Issue:** New product

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.