



TECHNICAL DATA SHEET Effective Date 03.06.2015

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1. PRODUCT DESCRIPTION

Eco Fix Oil is a refined plant-oil based product made in the Tasman Bay region of New Zealand. It is an effective multi-use product that -

- penetrates and lubricates
- prevents corrosion
- loosens rusted parts
- displaces moisture
- dissolves oil, grease and adhesives
- washes clean in soap and water

Eco Fix Oil works exceptionally well and is an environmentally friendly alternative to petroleum based penetrating oils.

2. FEATURES & BENEFITS

- Advanced lubrication for smooth action – Silences annoying squeaks and squeals
- Stops and dissolves rust – Protective film for ongoing protection against corrosion
- Penetrates quickly – Breaks away rust and corrosion, frees components bonded by dirt and scale
- Eliminates the need for many disassembly operations
- Preventative maintenance programs – To increase life expectancy of mechanical equipment
- Safe for all metals and alloys, most painted surfaces, coatings, plastics and rubbers
- Contains no silicone
- Cleans grease and tar off painted surfaces
- Temperature Range -10°C to +130°C
- New Zealand MPI Food Grade Approved C15

3. APPLICATION AND DIRECTIONS

Spray or apply enough Eco Fix Oil to cover parts which need treating. For deep corrosion, penetrating and dissolving power, leave to soak before working on parts. Wipe off excess with a clean cloth or wash clean with soap and water. Eco Fix Oil can also be used as a hand-cleaner to remove oils, grease, paints and adhesives, prior to washing hands clean with soap and water. When cleaning surfaces test small area first for colour fastness. Eco Fix Oil may degrade some natural rubbers with prolonged exposure.

4. TYPICAL PROPERTIES AND CHARACTERISTICS

PHYSICAL 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

PERFORMANCE CHARACTERISTICS:

Type of film: Oily, wet
Dry Time: Non-drying wet oil
Temperature Range: -10°C to +120°C



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5. PACKAGE DESCRIPTION

PACK	DESCRIPTION
300ml Aerosol	Dual chamber "bag-on-valve" aerosol, using compressed air as propellant. This aerosol can will spray 100% pure product, without any toxic chemical propellant, on all angles including completely inverted. This packaging system is refillable and recyclable. Please return empty cans to Ecofixoil Limited for refilling.
100ml Dropper	This pocket-sized bottle is designed specially for cyclists, to be easily carried in bike-bags or pouches. Its long spout is ideal for easily applying the product to chains and sprockets and other mechanisms without mess. This packaging system is refillable and recyclable.
550ml Trigger-pack	This handy and convenient trigger-spray pack's advantages include an adjustable spray nozzle to give a range of spray types between fine mist and narrow concentrated jet. It is easily refillable making it an economic option when combined with the 4 litre bulk refill pack.
4 litre bulk-pack	This is the most economical way to purchase Eco Fix Oil. Use it to refill the 100ml dropper bottle and the 500ml trigger-spray pack.

6. SPECIAL PRECAUTIONS

GENERAL:

Flammable when heated to produce a vapour or atomised as a spray. Keep away from heat/sparks/open flames/hot surfaces. Do not spray on an open flame or other ignition source. Avoid breathing mist, vapours, spray. Use outdoors or in a well-ventilated area. 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 containers.

AEROSOL CANS:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

FIRST AID:

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.)

REFER TO MATERIAL SAFETY DATA SHEET FOR MORE DETAILS.

DISCLAIMER:

All information on this data sheet is based on testing by Ecofixoil Limited. All products should be tested for suitability on a particular application prior to actual use. Ecofixoil Limited makes no representations or warranties of any kind concerning this data.