1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Eco Fix Oil Hand and Surface Sanitiser
RECOMMENDED USE: Spray on alcohol based hand and surface sanitiser
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

2. HAZARDS IDENTIFICATION

DANGER:

- Highly flammable liquid and vapour.
- Harmful if swallowed.
- May causes mild skin irritation.
- Causes eye irritation.

HSNO Approval Number: Group Standard HSR001180.
HSNO Classes: 3.1B, 6.1E(oral),6.3B, 6.4A

Prevention Statements:

- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting, explosive-proof equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear eye protection.

Response Statements

- IF ON SKIN (or hair): Remove/Take off all contaminated clothing immediately. Rinse skin with water/shower.
- In case of fire: Use dry chemical powder or carbon di-oxide for extinction
- If medical advice is needed, have product container or label at hand.
- If skin irritation occurs: Get medical advice/ attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention

Storage Statements

- Store in a well-ventilated place. Keep cool.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion %
Isopropyl Alcohol	67-63-0	80%
Eco Fix Oil F-CLP		10%
Demineralised Water	7732-18-5	<10%
Hydrogen Peroxide	7722-84-1	<0.2%
Pinus Sylvrstrus antimicrobial/scent	281-679-2	<0.2%

4. FIRST AID MEASURES

Eyes: If medical advice is needed, have product container or label at hand. Immediately call a POISON CENTER or doctor/physician. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing.

For Further Information Telephone (24 Hours) The National Poison Centre: 0800 Poison [764 766]

5. FIRE FIGHTING MEASURES

Flash Point: 12°C

Auto ignition Temperature: 399°C

Flammable Limits in Air % by Volume: LFL: 1.8% UFL: 12.0%

Extinguishing Media: Dry chemical or carbon dioxide

Fire Fighting Instructions: Alert Fire Bridge (111); advise location and nature of hazard. Wear breathing apparatus and protective gloves. Shut off product that may “fuel” a fire if safe to do so. If safe, switch off electrical equipment until vapour hazard removed. Allow trained personnel to attend a fire in progress, providing fire-fighters with this Safety Data Sheet. Prevent product and extinguishing media from escaping to drains and waterways.

Unusual Fire and Explosion Hazards: Carbon monoxide

Hazchem code 2YE

6.ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Minor spills

- Remove or eliminate all ignition sources.
- Clean up spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Wear personal protective equipment.
- Contain and absorb small quantifies with vermiculite or other absorbent material.
- Collect residues and waste material in a labelled container suitable for flammables.
- Seal container and dispose of safely.

7. HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Containers, even those that have been emptied, may contain explosive vapours.
- Do NOT cut, drill, grind, weld or perform similar operations on or near containers.
- DO NOT allow clothing wet with material to stay in contact with skin.
- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.

SUITABLE CONTAINER

- DO NOT use aluminum or galvanized containers.
- Packing as supplied by manufacturer.
- Plastic containers may only be used if approved for flammable liquid.
- Check that containers are clearly labeled and free from leaks.

STORAGE REQUIREMENTS

- Store in original containers in approved flame-proof area.
- No smoking, naked lights, heat or ignition sources.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- Keep containers securely sealed.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

Engineering Controls:	General (mechanical) room ventilation is considered satisfactory in enclosed spaces.
Eye / Face Protection:	Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.
Body Protection:	Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
Respiratory Protection:	Avoid breathing vapour or mist. Use NIOSH approved respiratory protection equipment appropriate to the material
Exposure Limits:	Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Slight golden colored clear liquid
Boiling point	82°C
Specific Gravity	0.78@25°C
Vapour Pressure	4.4 kPa @ 20°C
Vapour Density	Na

Solubility in water	Miscible
pH	Na
Evaporation Rate	2.4 BuAc = 1

10. STABILITY AND REACTIVITY

Stability of the Substance:	Stable under normal conditions
Conditions to avoid:	Heat, ignition, Oxides
Materials to avoid:	
Hazardous Decomposition Products:	
Conditions Contributing to Hazardous Polymerization	

11: TOXICOLOGICAL INFORMATION

Eyes: Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or may produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur. Isopropanol vapour may cause mild eye irritation at 400 ppm. Splashes may cause severe eye irritation, possible corneal burns and eye damage.

Skin: The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Ingestion: Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Inhalation: The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation, of the material, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress.

12: ECOLOGICAL INFORMATION

Aquatic toxicity:	Product is not identified as being ecotoxic to aquatic life.
Persistence/degradability:	Not expected to be persistent.
Mobility:	This product is highly volatile and will rapidly evaporate.
Other information:	None

13. DISPOSAL CONSIDERATIONS

Care should be taken to ensure compliance with national, regional and local authority regulations. Packaging may still contain fumes and vapours that are flammable. Ensure that empty packaging is allowed to dry. If not refilled with the same product, they should be recycled. Do not use containers for storing other products.

12. TRANSPORT INFORMATION

UN No:	1219
Proper Shipping Name:	Isopropanol
Dangerous Goods Class:	3
Subsidiary risk	
Packing Group:	II
Hazchem Code:	2YE

13. REGULATORY INFORMATION:

HSNO Approval No:

Group Standard: Group Standard HSR00118

HSNO Classes: 3.1B, 6.1E(oral),6.3B, 6.4A

14. OTHER INFORMATION:

Issue:	2
Date of Issue:	3rd October 2024
Reasons for Issue:	Review and update
Replaces:	25th March 2020

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