



SAFETY DATA SHEET

PRODUCT NAME: SAW BLADE BIO-DEGRADABLE OIL
PRODUCT CODE: ENVIROLSAW.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name TRU-BLU OIL AUSTRALIA PTY LTD
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Synonym(s) Biodegradable Saw Blade Oil
SDS Date 05th May 2025

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia GHS 7.

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
Additives	Not Available	68511-50-2	.25--1.50%
Other ingredients determined not to be hazardous	Not Available	64742-62-7	to 100%



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4. FIRST AID MEASURES

Product has no known intrinsic harmful or hazardous properties when intended use is for edible purposes.

Health Effects.

Acute:

Swallowed; None known.

Eye; None known Skin; None known

Inhaled; Inhalation of droplets may cause pneumonitis.

Chronic: None known

First Aid:

Swallowed; No treatment normally required

Eye; Flush with water for at least 15 minutes. Seek medical advice. Skin; Wash skin with soap & water Inhaled; Seek medical advice. Facilities; Only basic first aid facilities required.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards	Combustible material.
Fire and Explosion	Combustible – May emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.
Extinguishing	Use water fog or fine water spray, alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder). The choice of extinguishing media should also be made by what other materials are present.
Hazchem Code	Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposals: All spills will result in potentially hazardous slippery surfaces and should be dealt with promptly. Transfer spilled oil into non-porous containers of suitable strength. Clean up small spills with sand, diatomaceous earth, soda ash or other non-combustible absorbent material. Load absorbent/oil mixture into containers for disposal. Residual oil should be removed with (preferably alkaline) detergent in soft water. Insoluble deposits may form with hard or salty water. Do not allow oil to contaminate wastewater, drains, streams or other natural water courses. Dispose as per local waste disposal regulations. Launder clothing to remove oil. Note that spontaneous combustion may occur in piles of oilsoaked rags, cotton, wastepaper and the like especially if held at elevated temperatures.



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7. STORAGE AND HANDLING

Storage & Transport: Not hazardous. Oil should be stored in clean, dry & non-tainting closed vessels. Exposure to ambient temperatures degrades quality parameters at a rate dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight, must be minimised to prevent quality loss through oxidation.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

National occupational exposure limits: There has been no value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

National occupational exposure limits: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber, neoprene, polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. Always work safely around the open hatches of bulk tanks as the low density and relatively high viscosity of liquid oils makes flotation difficult for an immersed person.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

Engineering measures Local exhaust ventilation should be provided. Oil coatings on equipment, floors and clothing are slippery and may lead to physical injury due to falls. Use non-skid aids where spills may occur. Seamless epoxy is most resistant to breakdown caused by prolonged contact with edible oil spills. Concretes are less resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specification Code:	Biodegradable Saw Blade Oil.
Use:	Saw Blade Oil.
Appearance:	Pale yellow at ambient temperatures
Melting Point:	-15°C to -20°C
Boiling Point:	Decomposes increasing rapidly above 330°C
Vapour Pressure:	Less than 0.1 kPA at 25°C
Specific Gravity:	0.929 at 15°C
Flammability Limits (%):	Unknown
Solubility in Water (g/L):	less than 1



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Flashpoint (open cup): Over 300°C at 0.1% FFA (Flashpoint lower at higher FFA)

Other Properties: Emulsifiable in water, soluble in hydrocarbons, chlorinated solvents, esters, ethers. Slightly soluble in alcohols, ketones, increasing with lower polarity, 90% Bio-Degradable in CEC L-33.

Ingredients: 80-90% Canola Oil, 10-20% biodegradable additives

10. STABILITY AND REACTIVITY

Chemical stability:	This material is thermally stable when stored and used as directed.
Incompatible materials:	Oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous Polymerisation:	Hazardous polymerisation reactions will not occur.
Hazardous reactions:	No known hazardous reactions.
Materials to Avoid:	Strong oxidizers.
Conditions to Avoid:	Elevated temperatures and sources of ignition. Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA

If this product is handled in accordance with this Safety Data Sheet and the product Data sheet /&/or label, there are no adverse health issues expected.

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Irritation may result as a result of contact with the skin

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: Contact with the eye may cause some irritation..

ACUTE TOXICITY

Inhalation: This material has been classified as non-hazardous. Based on the ingredients Acute toxicity estimate :>20 mg/L



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Skin contact: This material has been classified as non-hazardous. Based on the ingredients acute toxicity estimate :>2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Based on the ingredients acute toxicity estimate :>2,000 mg/Kg

Corrosion/Irritancy:

Eye: This material has been classified as not corrosive or irritating to eyes.

Skin: This material has been classified as not corrosive or irritating to skin.

Sensitisation:

Inhalation: This material has been classified as not a respiratory sensitizer

Skin: This material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

CHRONIC TOXICITY

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

SENSITIZATION This product is not expected to be a sensitizer

CARCINOGENICITY This product does not contain any substances that are listed as carcinogens.

TERATOGENICITY This product does not contain any substances that are listed as teratogens

12. ECOLOGICAL INFORMATION



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Acute aquatic hazard: This material has been classified as a Category Acute 3 Hazard.

Acute toxicity estimate: 10 - 100 mg/L

Long-term aquatic hazard: This material has been classified as **non-hazardous**. Non-rapidly or rapidly degradable material for which there are adequate chronic toxicity data available. In the absence of chronic toxicity data, Acute toxicity >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Persistence and degradability: No information available. This product is classified as "readily biodegradable" according to the guidelines of the OECD

Bioaccumulative potential: No information available but it is expected that this product will not bioaccumulate.

Mobility: No information available.

Ecotoxicity No eco toxicity studies have been done on this product.

Avoid spillage into waterways

13. DISPOSAL CONSIDERATIONS

Persons undertaking disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Dispose of product and container carefully and responsibly. If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

Note that spontaneous combustion may occur in piles of oil-soaked rags, cotton, waste paper and the like especially if held at elevated temperatures.

Do not dispose of near ponds, ditches, down drains or onto soil.

14. TRANSPORT INFORMATION

Not classified as a dangerous good.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT



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Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Regulatory Information.

NON HAZARDOUS SUBSTANCE

Classified Non Hazardous according to the criteria of the National Health and Occupational Health and Safety Commission of Australia.

All ingredients of this product are listed or exempt on the Australian Inventory of Chemical Substances (AICS)

This material/constituent(s) is covered by the following requirements:

HSNO Group Standard: HSR002606 - Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006

In case of accident or if you feel unwell, seek medical advice immediately

16. OTHER INFORMATION

Additional Information REPORT STATUS:

This SDS has been prepared by Tru-Blu Oil using the most current information available at the time of issuing. Tru-Blu Oil accepts no liability (as lawfully allowed) for any loss, injury or damage which may have been suffered or incurred by any person as a consequence of their reliance on information that is contained in this SDS.

SDS Date: 05th May 2025

End of Report