

SAFETY DATA SHEET

SECTION 1 : Identification of the material and supplier

Product Name : ESTEROL[†]123

Description: Ethyl Oleate; Fatty Acid; Ethyl Esters

Recommended Use: Various industrial and agricultural uses

Product Code: 13800

Supplier Name: Victorian Chemical Co. Pty. Ltd.

Address: 83 Maffra Street
Coolaroo, Victoria 3048
Australia

Telephone: +61-(0) 3-9301 7000

Fax: +61-(0) 3-9309 7966

Australian Emergency contact number: +61-(0) 3-9301 7000 (office hours)

SECTION 2 : Hazards Identification

GHS Classification: Not classified as Hazardous according to the criteria of NOHSC.
Not classified as Dangerous Goods according to Australian Dangerous Goods Code.

Signal Word: None Allocated

Hazard Statements: None Allocated

Precautionary Statements: None Allocated

SECTION 3 : Ingredients Composition/Information

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Proportion</u>
Oleic Acid, ethyl ester	111-62-6	30—60%
Ethyl and methyl esters of fatty acids	n/a	To 100%

<u>Chemical Identity</u>	<u>EC Number</u>	<u>Proportion</u>
Fatty acids C18 unsaturated, ethyl & methyl esters	941-981-3	100%



VICTORIAN CHEMICAL CO. PTY. LTD.

ABN 36 004 188 863

83 Maffra Street, Coolaroo, Victoria, 3048, Australia

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Website: www.vicchem.com E-mail: products@vicchem.com

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SECTION 4 : First Aid Measures

- Swallowed:** Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice if nausea or vomiting occurs.
- Eye:** Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- Skin:** Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
- Inhaled:** Move to fresh air. Seek medical advice if nausea or vomiting occurs.
- First Aid Facilities:** Ensure eye bath and safety shower are available and ready for use.
- Advice to Doctor:** Treat symptomatically.

SECTION 5 : Fire Fighting Measures

Suitable extinguishing media: Foam, Carbon Dioxide, Dry Chemical, Water Spray

Hazards from combustion products: In the event of fire the following can be released. Carbon monoxide, carbon dioxide.

Precautions for fire fighters and special protective equipment: Fire fighters should wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Hazchem Code: None Allocated

SECTION 6 : Accidental Release Measures

Emergency procedures: Slippery when spilt, clean up immediately. Wear protective equipment to prevent skin and eye damage.

Methods and materials for containment and clean up: Prevent run off into drains and waterways. Contain spills with absorbent material such as sand or soil. Collect and seal in properly labelled containers for disposal. Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal site. For small spills, wash with plenty of water.

SECTION 7 : Handling and Storage

Precautions for safe handling: Avoid skin and eye contact. Wash hands after using product.

Conditions for safe storage: Store in the closed original container in a cool, well-ventilated area.

Bulk Storage: C2 Combustible liquid

SECTION 8 : Exposure / Personal Protection

National exposure standards: None Allocated.

Biological limit values: None Allocated.

Engineering controls: Ensure adequate ventilation to keep exposure levels to a minimum.

Personal protective equipment: Wear safety glasses or goggles, impermeable gloves (PVC or neoprene) and overalls.

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SECTION 9 : Physical and Chemical Properties

Appearance:	Clear yellow liquid	Solubility in Water:	Insoluble
Boiling Point:	> 200°C	Flashpoint:	> 150°C
Pour Point:	-10°C	Flammability Limits:	Not available
Viscosity @ 40°C:	Not available	Vapour Pressure:	Not available
Specific Gravity:	0.87 @ 20°C		

SECTION 10 : Stability and Reactivity

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Excessive heat, Fire.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: None with proper storage and handling.

Hazardous reactions: No hazardous reactions with proper storage and handling.

SECTION 11 : Toxicological Information

Acute effects:

Oral LD₅₀ >5000mg/kg (rat) (OECD Guideline 401)

Dermal LD₅₀ >5000mg/kg (rat) (OECD Guideline 402)

Inhalation LC₅₀ >2.02mg/L (rat) (OECD Guideline 403)

Swallowed: Ingestion of large quantities may cause irritation to the digestive tract, nausea, vomiting or diarrhoea

Eye Contact: May cause eye irritation, tearing, stinging, blurred vision and redness.

Skin: Repeated exposure may cause drying, redness, itching and irritation.

Inhaled: Inhalation of vapour or mist may cause irritation of the nose, throat and respiratory system.

Chronic effects:

Repeated or prolonged skin contact may result in skin irritation.

SECTION 12 : Ecological Information

LC₅₀ (96h) >100mg/L (fish) (OECD Guideline 203, danio rerio)

EC₅₀ (48h) >100mg/L (Daphnia) (OECD Guideline 202, Daphnia magna)

Persistence and degradability: This product is vegetable oil based and will eventually degrade.

Mobility: Product is insoluble in water.

SECTION 13 : Disposal Considerations

Disposal Methods: In accordance with local authority regulations, take to special waste incineration plant. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Special precautions for landfill or incineration: Avoid contaminating waterways



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SECTION 14 : Transport Information

UN Number: None allocated

UN Proper Shipping Name: None allocated

Class: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport: 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 (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15 : Regulatory Information

Classification: All components are listed on the AICIS

Esterol 123 is REACH approved (EU) Reg No. 01-2120137473-59-0000

Esterol 123 is approved by US EPA under 40 CFR 180.910

Poisons Schedule: None allocated

SECTION 16 : Other Information

None Available

CONTACT POINT

This MSDS summarises at date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since Victorian Chemical Co. Pty. Ltd. cannot anticipate or control the conditions under which the product may be used, prior to usage each user must review this MSDS in the context of how the product will be handled and used in the workplace.

Victorian Chemical Co. Pty. Ltd. will not be responsible for any damage caused by the use of the product otherwise than in accordance with the directions and information contained in this document.

If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact Victorian Chemical Co. Pty. Ltd. (03) 9301 7000. Ask for Technical Manager.

Safety Data Sheets are updated regularly. Please ensure that you have a current copy.

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