

ESTEROL[†] 122

Product Description

Common and Other Names	Ethyl Oleate, Ethylated Seed Oil
Chemical Composition	Ethyl Esters of High Oleic Oil
Characteristics	ESTEROL 122 is a pale yellow oily liquid with a pleasant fatty ester odour

Formulating Attributes

ESTEROL 122 as a fatty ester product has excellent solvency powers and hence can easily be formulated with a wide range of oils, surfactants and oil soluble materials. Based on High Oleic Oil, its fatty acids are predominantly oleic (approx. 80%) which results in liquid product which has superior oxidative stability when compared with other fatty esters. ESTEROL 122 is nonvolatile and is safe to handle. Natural or synthetic antioxidants can be added to ESTEROL 122 on request which will further increase its oxidative stability.

Applications

ESTEROL 122 contains less than 0.1% of methyl esters enabling the use of a fatty ester where methyl esters may be undesirable.

Attributes

- ◆ Low toxicity means that it poses a low health and safety risk for users
- ◆ Readily Biodegradable means that it will have a low environmental impact.
- ◆ Excellent solvency properties can provide formulators with replacements for petroleum derived solvents.
- ◆ High lubricity and low volatility characteristics can provide the properties required of oily bases in specialised lubricant products.
- ◆ Low Methyl Ester content enables use where methyl esters are undesirable.
- ◆ Oxidative stability ensures a longer life or a wider range of conditions before any natural deterioration is observed.

ESTEROL[†] 122

Typical Chemical & Physical

Properties

Appearance	Clear yellow liquid
Specific Gravity (20°C)	0.870
Viscosity (40°C)	5 cSt
Colour	1 Gardner
Acid Value	0.2
Water Content	0.05%
Iodine Value	80
Cloud Point	-10°C

Storage & Handling

When stored indoors at temperatures below 40°C and in closed original containers, this product can be stored for at least 1 year.

Avoid exposure to air for prolonged periods.

Product may thicken or solidify if cooled below 0°C.

Do not allow water to contaminate product.

Packaging

Available in:

- 900kg Plastic IBCs
- 180kg Steel Drums
- 18kg Plastic containers

[†] Trademark used under licence

The Company

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

Health, Safety & Environment

ESTEROL 122 is nontoxic, biodegradable and not classified as a dangerous good. According to experience this product is considered to be harmless to health if used in the correct manner. Skin and eye contact should be avoided .

For further information refer to MSDS at www.vicchem.com

Victorian Chemical Company Pty. Limited

83 Maffra Street, Coolaroo, Victoria 3048, Australia

Telephone: (03) 9301 7000 Facsimile: (03) 9309 7966

Website: www.vicchem.com Email: products@vicchem.com



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