

ESTEROL[†] 272K

Product Description

Common and Other Names	Glycerol Mono Oleate, GMO, Pan Aid
Chemical Composition	Mono & Di Glycerides of Canola Fatty Acids
Characteristics	ESTEROL 272K is a pale yellow viscous liquid or waxy solid with a bland fatty odour. Liquid above 20°C and solid below 10°C between which it may be partly solid or pasty.

Formulating Attributes

ESTEROL 272K is a very useful low HLB co-emulsifier for forming either oil-in-water or water-in-oil emulsions. It is readily biodegradable and has very low toxicity. Small percentages in compounded oil formulations impart excellent rust preventative characteristics.

Applications

Sugar Milling	Ideal as a Pan Aid to reduce foam thereby assisting in heat transfer and crystallization
Fruit Juice / Milk:	Used as a defoamer to aid in packaging
Plastic :	Used in the manufacture of PVC and Polyethylene film Mould release agent in the making of clear plastic bottles
Agriculture :	Emulsifier for agricultural products - insecticides
Textile :	Dye carrier

Attributes

- Food grade - HACCP accredited. Kosher and Halal approved
- GM free – Produced from Australian grown GM free canola
- Australian made supporting Australian Manufacturing
- Readily Biodegradable - a low environmental impact
- Mild to skin means that it is suitable for formulating into personal care and hygiene products.
- Capable of being used as a co-emulsifier in the formation of invert emulsions (water in oil.)
- Low toxicity means that it poses a low health and safety risk for users.
- Can impart corrosion inhibition properties to formulations.

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Typical Chemical & Physical Properties

Moisture	0.1%
Colour	5 Gardner
SG (20°C)	0.96
Acid Value	2
Cloud Point	15°C
HLB	3.5

Health, Safety & Environment

ESTEROL 272K 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 .

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. Refer to MSDS at www.vicchem.com for further information

Packaging

Available in:

1,000kg Plastic IBCs

200kg Steel Drums

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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.

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