

ESTEROL 272

DESCRIPTION

COMMON AND OTHER NAMES	Glycerol Mono Oleate, GMO
CHEMICAL COMPOSITION	Mono and Di Glycerides of Canola Fatty Acids
CHARACTERISTICS	ESTEROL 272 is a pale yellow viscous liquid or waxy solid with a bland fatty odour. Liquid above 20 ⁰ C and solid below 10 ⁰ C between which it may be partly solid or pasty.

FORMULATING PROPERTIES

ESTEROL 272 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

Plastic :	Used in the manufacture of PVC film and Polyethylene film Mould release agent in the making of clear plastic bottles
Agriculture :	Emulsifier for agricultural products - insecticides
Textile :	Dye carrier

ATTRIBUTES

- Readily Biodegradable means that it will have 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

USER INFORMATION

STORAGE

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	200 kg Steel Drums
	20 kg Plastic Containers

HEALTH, SAFETY & ENVIRONMENT

ESTEROL 272 is non-toxic, 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. Refer to MSDS at www.vicchem.com

THE COMPANY

Victorian Chemicals has manufactured oleochemicals at its site in Melbourne, Australia for the past 67 years. Our operations are governed by the international quality system ISO 9002 that ensures consistent and reliable product performance. We believe that we are successful when we have understood and satisfied our customers requirements and when possible exceeded them. We look forward to the opportunity of working with you in your next project.

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