

# ESTEROL 145

## DESCRIPTION

COMMON AND OTHER NAMES	Butyl Oleate, Butylated Seed Oil
CHEMICAL COMPOSITION	Canola Oil, Butyl Ester
CHARACTERISTICS	ESTEROL 145 is a pale yellow oily liquid with a pleasant fatty ester odour.

## FORMULATING PROPERTIES

ESTEROL 145 as a fatty ester has excellent solvency powers and hence can easily be formulated with a wide range of oils, surfactants and oils soluble materials. Based on Canola oil, its fatty acids are predominantly oleic which results in liquid product which is oxidatively stable, nonvolatile and readily biodegradable. Fatty esters are suitable as low hazard replacements for aromatic or petrochemical solvents.

## APPLICATIONS

Printing :	De-inking of rollers
Metal working :	Lubricants
Rubber :	Release agent

## 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.

# ESTEROL 145

## TYPICAL CHEMICAL & PHYSICAL PROPERTIES

Moisture	0.1%
Viscosity	4.5 cSt (40°C)
Colour	6 Gardner
SG (20°C)	0.88
Acid Value	3.0
Cloud Point	-10°C
Flash Point	>150°C

## 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](http://www.vicchem.com) for further information.

PACKAGING            180 kg Steel Drums  
                             900 kg IBC

### HEALTH, SAFETY & ENVIRONMENT

ESTEROL 145 is of low toxicity. It is readily 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](http://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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