

# VICAMOX 405

## DESCRIPTION

COMMON AND OTHER NAMES	Lauryl Dimethyl Amine Oxide
CHEMICAL COMPOSITION	30% Lauryl Dimethyl Amine Oxide in Water
CHARACTERISTICS	Vicamox 405 is a colourless, viscous and foamy water based surfactant with mild odour

## FORMULATING PROPERTIES

Vicamox 405 is a water-based nonionic or amphoteric surfactant of the amine oxide type. When formulated with acids, the amine oxide can behave as a cationic surfactant but in neutral or alkaline conditions, it will behave as a nonionic surfactant.

## APPLICATIONS

Useful as a foam booster and detergent in the following formulations or applications:-

- Dish washing detergents
- Laundry detergents
- All-purpose cleaning agents
- Liquid bleach products (as the surfactant)
- Shampoos
- Bubble baths
- Hair conditioners
- Foam stabilizer for rubber and polymer industries

## KEY ATTRIBUTES

- Readily biodegradable means that it will have a low environmental impact.
- Generally produces a rich stable foam.
- Good compatibility profile means that it can be used in a wide variety of products

# VICAMOX 405

## TYPICAL CHEMICAL & PHYSICAL PROPERTIES

pH (neat)	8.0
Amine Oxide	30%
Colour	1 Gardner
SG (20°C)	0.97
Free Peroxide	<0.1%

## 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      1000 kg IBCs  
                         200 kg Polylined Steel Drums

### HEALTH, SAFETY & ENVIRONMENT

VICAMOX 405 is a biodegradable surfactant which is not classified as a dangerous good. According to experience this product is considered to be safe 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 Chemical Company (VCC) is a research and development based manufacturer of environmentally responsible oil and surfactant products that are marketed in Australia and globally. Established during 1933, VCC's products and services are supplied to a wide range of industries including; Agriculture, Construction, Metal Manufacturing and Chemical Formulators. VCC is highly skilled at developing new product formulations, customising existing products to suit individual requirements and also offers a comprehensive toll manufacturing service. VCC is committed to supplying high performance products that will provide enhanced safety to the user and the environment. VCC's operations are governed by the international quality system ISO 9001 2000 which ensures consistent and reliable product performance.

### Victorian Chemical Company Pty. Limited

83 Maffra Street, Coolaroo, Victoria 3048, Australia

Telephone: (03) 9301 7000

Fascimile: (03) 9309 7966

Website: [www.vicchem.com](http://www.vicchem.com)

Email: [products@vicchem.com](mailto:products@vicchem.com)

The logo for Victorian Chemicals features the words "VICTORIAN" and "CHEMICALS" in a bold, white, sans-serif font, stacked vertically. The text is centered within a red rectangular background that has a thin white border.

*The Australian Solution*<sup>1</sup>

**Disclaimer:** Victorian Chemical Company Pty. Ltd. has taken all reasonable care in preparing information contained in the Bulletin. However because the use of this information is beyond our control, Victorian Chemical Company Pty. Ltd. accepts no responsibility for any consequences whatsoever arising from the use of this information except responsibility imposed under any applicable law.