

VICAMOX[†] 401

DESCRIPTION

COMMON AND OTHER NAMES	Coco Dimethyl Amine Oxide Lauryl Dimethyl Amine Oxide
CHEMICAL COMPOSITION	30% Coco Dimethyl Amine Oxide in Water
CHARACTERISTICS	Vicamox 401 is a colourless, viscous and foamy water based surfactant with mild odour

FORMULATING PROPERTIES

Vicamox 401 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

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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 for further information

PACKAGING	1000 kg IBCs 200 kg HDPE Drums
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HEALTH, SAFETY & ENVIRONMENT

VICAMOX 401 is a biodegradable surfactant which is classified as a class 9 dangerous good. Skin and eye contact should be avoided. Refer to MSDS at www.vicchem.com

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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.

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