

# AUROPOL 446

## DESCRIPTION

COMMON AND OTHER NAMES	Sulphated or Sulphonated Canola Oil, Sulphated Triglyceride
CHEMICAL COMPOSITION	Canola Oil, Sulphated
CHARACTERISTICS	AUROPOL 446 is a viscous amber coloured liquid which readily disperses in water. A mild fatty odour can be detected.

## FORMULATING PROPERTIES

Auropol 446 is an oil soluble anionic surfactant with excellent emulsification properties, is compatible with a wide range of materials and is stable over a wide pH range. It may reduce foaminess and provide anticorrosive properties in formulated products.

## APPLICATIONS

Metal Working :	Emulsifier and solubiliser in soluble cutting oils, drawing compounds and clear water based coolants. Provides lubricity low foam and rust inhibition.
Automotive :	used in automotive chemicals

## ATTRIBUTES

- Readily Biodegradable means that it will have a low environmental impact.
- Low Toxicity means that it poses a low health and safety risk for users.
- Excellent lubrication, low foam and corrosion inhibition properties can provide formulators with the wide range of capabilities they require.

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## TYPICAL CHEMICAL & PHYSICAL PROPERTIES

pH (1% aq)	6.4
Moisture	20%
Combined SO <sub>3</sub>	5.2% (Dry Basis)
Colour	9 Gardner
SG (20 <sup>0</sup> C)	1.0

## USER INFORMATION

### STORAGE

When stored indoors at temperatures below 40<sup>0</sup>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	200 kg Steel Drums
	20 kg Plastic Containers

### HEALTH, SAFETY & ENVIRONMENT

AUROPOL 446 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. 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 August 1933, VCC provides products and services 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 continually strives to supply 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 which ensures consistent and reliable product performance.

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