

化 学 品 安 全 技 术 说 明 书

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**MSDS标题**

OLEYL ALCOHOL MSDS报告

**产品标题**

十八烯醇;顺-9-十八烯醇;(Z)-十八-9-烯醇

**CAS号**

143-28-2

**化学品及企业标识**

**PRODUCT NAME**

OLEYL ALCOHOL

**NFPA**

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	0
Chronic	0

SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

**PRODUCT USE**

Found naturally in fish- oil where it is usually found as a mixture of C16 and C18 unsaturated alcohols with C18 predominating. In the manufacture of sulfuric esters (detergents and wetting agents), as an anti- foam agent; metal cutting lubricants; in carbon paper, stencil paper, printing ink; plasticiser and softening agent; carrier for

medications

## **SYNONYMS**

C18-H36-O, CH<sub>3</sub>(CH<sub>2</sub>)<sub>7</sub>CH=CH(CH<sub>2</sub>)<sub>7</sub>CH<sub>2</sub>OH, "9-octadecen-1-ol, (Z)-", "9-octadecen-1-ol, (Z)-", lancol, cis-9-octadecen-1-ol, cis-9-octadecen-1-ol, loxanol, "olive alcohol", novol, oleol, ocenol, adol, oceol, "atalco o", satol, cachalot, sipol, "conditioner 1", unjocol, crodacol, dermaffine, "h.d. eutanol"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

### **RISK**

Irritating to skin.

HARMFUL - May cause lung damage if swallowed.

## **POTENTIAL HEALTH EFFECTS**

### **ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

Although ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality (death) rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern. Overexposure to non-ring alcohols causes nervous system symptoms. These include headache, muscle weakness and inco-ordination, giddiness, confusion, delirium and coma. Digestive symptoms may include nausea, vomiting and diarrhea. Aspiration is much more dangerous than ingestion because lung damage can occur and the substance is absorbed into the body. Alcohols with ring structures and secondary and tertiary alcohols cause more severe symptoms, as do heavier alcohols.

#### **EYE**

Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn). The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

## **SKIN**

This material can cause inflammation of the skin on contact in some persons. Skin contact is not thought to have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or abrasions. Most liquid alcohols appear to act as primary skin irritants in humans. Significant percutaneous absorption occurs in rabbits but not apparently in man. The liquid may produce skin discomfort following prolonged contact. Defatting and/or drying of the skin may lead to dermatitis. The material may cause severe skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. Repeated exposures may produce severe ulceration.

## **INHALED**

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product. Inhalation hazard is increased at higher temperatures.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are usually by skin contact and inhalation of vapor from heated material. As with any chemical product, contact with unprotected bare skin; inhalation of vapor, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.