

化 学 品 安 全 技 术 说 明 书

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MSDS标题

WITCO SILWET COPOLYMER L-7602 MSDS报告

产品标题

二甲基-3-羟丙基甲基(硅氧烷与聚硅氧烷)、聚乙二醇单甲醚的醚化物

CAS号

68938-54-5

化学品及企业标识

PRODUCT NAME

WITCO SILWET COPOLYMER L-7602

NFPA

Flammability	1
Toxicity	2
Body Contact	2
Reactivity	1
Chronic	0

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

PRODUCT USE

Silicone surfactant. Synthetic polymer.

SYNONYMS

"siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethers with", "siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethers with", "polyethylene glycol monomethyl ether", "dimethylsiloxane, 3-HPME ether with polyethylene glycol monomethyl ether", "dimethylsiloxane, 3-HPME ether with polyethylene glycol monomethyl ether", "organo silicone copolymer", "silicone glycolether", "Silicone co-polyol", "Silicone glycol surfactant", organosilicone, "Organomodified silicone", "Organomodified polydimethylsiloxane", "Polyalkyleneoxide modified polydimethylsiloxane", "Organosilicone fluid"

CANADIAN WHMIS SYMBOLS

None

EMERGENCY OVERVIEW

RISK

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. Ingestion may result in nausea, abdominal irritation, pain and vomiting. Nonionic surfactants may produce localized irritation of the oral or gastrointestinal lining and induce vomiting and mild diarrhea.

EYE

There is some evidence to suggest that this material can cause eye irritation and damage in some persons. The liquid may produce eye discomfort causing smarting, pain and redness. The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

SKIN

The material is not thought to produce adverse health effects or skin

irritation following contact (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. Excessive use or prolonged contact may lead to defatting, drying and irritation of sensitive skin. Open cuts, abraded or irritated skin should not be exposed to this material.

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 of vapor is more likely at higher than normal temperatures.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact with the material and inhalation of vapor from heated material. No human exposure data available. For this reason health effects described are based on experience with chemically related materials. 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.