

化 学 品 安 全 技 术 说 明 书

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MSDS标题

KALIPOL 18 POTASSIUM TRIPOLYPHOSPHATE SOLUT MSDS报告

产品标题

磷酸五钾;三磷酸五钾盐;三聚磷酸五钾;三磷酸五钾

CAS号

13845-36-8

化学品及企业标识

PRODUCT NAME

KALIPOL 18 POTASSIUM TRIPOLYPHOSPHATE SOLUTION

NFPA

Flammability	0
Toxicity	1
Body Contact	1
Reactivity	0
Chronic	2

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

PRODUCT USE

Detergent builder, sequestration of metal ions, dispersal of solids in aqueous solution and slurries, water treatment applications, also used as a source of nitrogen, phosphorus and potassium in liquid fertiliser systems.

SYNONYMS

"detergent builder", "sequestration of metal ions", "dispersal of solids in aqueous solutions and slurries", "water treatment application", "nitrogen / phosphorous / potassium in liquid fertiliser systems"

CANADIAN WHMIS SYMBOLS

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. Considered an unlikely route of entry in commercial/industrial environments. Ingestion may result in nausea, abdominal irritation, pain and diarrhea.

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 liquid may produce eye discomfort causing smarting, pain and redness.

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.

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.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact/eye contact. Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. 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.

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