

化 学 品 安 全 技 术 说 明 书

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MSDS标题

O-CRESOLPHTHALEIN COMPLEXONE MSDS报告

产品标题

酞紫; 酚酞紫; 酞酚紫; 金属酞; 酞络合剂; 邻甲酚酞络合酮; 2-甲酚酞络合剂

CAS号

2411-89-4

化学品及企业标识

PRODUCT NAME

O-CRESOLPHTHALEIN COMPLEXONE

STATEMENT OF HAZARDOUS NATURE

Not considered a hazardous substance according to OSHA 29 CFR 1910.1200.

NFPA

Flammability	1
Toxicity	1
Body Contact	0
Reactivity	0
Chronic	0

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

PRODUCT USE

Laboratory reagent, metal indicator (pM) for metal ion concentration.

SYNONYMS

3DH20027, "phthalein purple", OCPC, "o-cresolphthalien-3'-3'''-bis methylene imino diacetic acid", "o-cresolphthalien-3'-3'''-bis methylene imino diacetic acid", "Metal phthalein", "Xylenylphthalein-bis iminodiacetic acid", "o-cresolphthaleindi(methylaminodiacetic acid)", "o-cresolphthaleindi(methylaminodiacetic acid)", "Merck 7297", C32-H32-N2-O12

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. Considered an unlikely route of entry in commercial/industrial environments.

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).

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.

CHRONIC HEALTH EFFECTS

Principal route of exposure is by eye/skin contact with solid. Usually kept as dilute solutions. As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice.

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