西亚试剂® Xiya Reagent 说明书

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化 学 品 安 全 技 术 说 明 书

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MSDS标题

P-CHLOROPHENYL METHYL SULFIDE MSDS报告

产品标题

4-氯苯基甲基硫醚;对氯茴香硫醚;4-氯硫代苯甲醚

CAS号

123-09-1

化学品及企业标识

PRODUCT NAME

P-CHLOROPHENYL METHYL SULFIDE

NFPA

Flammability	1
Toxicity	2
Body Contact	1
Reactivity	1
Chronic	0

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

PRODUCT USE

Intermediate in the synthesis of the herbicide, nitralin.

SYNONYMS

C7-H7-Cl-S, "benzene, 1-chloro-4-(methylthio)-", "benzene, 1-chloro-4-(methylthio)-", "4-chlorophenyl methyl sulfide", "4-chlorophenyl methyl sulfide", "4-chlorophenyl methyl sulphide", "4-chlorophenyl methyl sulphide", 4-chlorothioanisole, 4-chlorothioanisole, p-chlorothioanisole, p-chlorothioanisole, "methyl 4-chlorophenyl sulfide", "methyl 4-chlorophenyl sulfide", 1-chloro-4-(methylthio)benzene, 1-chloro-4-(methylthio)benzene

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

Harmful if swallowed.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Considered an unlikely route of entry in commercial/industrial environments. Ingestion may result in nausea, pain, vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis. Central nervous system (CNS) depression may include general discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction time, slurred speech and may progress to unconsciousness. Serious poisonings may result in respiratory depression and may be fatal.

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

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. The liquid may produce skin discomfort following prolonged contact. Defatting

and/or drying of the skin may lead to dermatitis.

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. Inhalation hazard is increased at higher temperatures.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact/absorption and inhalation of vapor. In a 28-day feeding study animals showed central nervous system depression, anorexia, and liver and kidney effects. High levels produced lung effects. 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.