

## 化 学 品 安 全 技 术 说 明 书

填表时间 2019-12-27

打印时间 2025-07-18

### MSDS标题

HEXYLPHOSPHONIC DICHLORIDE MSDS报告

### 产品标题

己基二氯化磷

### CAS号

928-64-3

### 化学品及企业标识

## PRODUCT NAME

HEXYLPHOSPHONIC DICHLORIDE

## NFPA

Flammability	1
Toxicity	1
Body Contact	3
Reactivity	1
Chronic	0
SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4	

## PRODUCT USE

Reagent.

## SYNONYMS

C6-H13-Cl2-O-P, C6-H13-Cl2-O-P, CH3(CH2)5P(O)Cl2, "phosphonic dichloride, hexyl-"

## CANADIAN WHMIS SYMBOLS

## EMERGENCY OVERVIEW

### RISK

Causes burns.

Risk of serious damage to eyes.

## POTENTIAL HEALTH EFFECTS

### ACUTE HEALTH EFFECTS

#### SWALLOWED

The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Considered an unlikely route of entry in commercial/industrial environments. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

#### EYE

The material can produce chemical burns to the eye following direct contact. Vapors or mists may be extremely irritating. If applied to the eyes, this material causes severe eye damage. 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 can produce chemical burns following direct contact with the skin. Solution of material in moisture on the skin, or perspiration, may markedly increase skin corrosion and accelerate tissue destruction. Open cuts, abraded or irritated skin should not be exposed to this material. The material may cause 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.

#### INHALED

If inhaled, this material can irritate the throat and lungs of some persons. Inhalation hazard is increased at higher temperatures. Inhalation of quantities of liquid mist may be extremely hazardous, even lethal due to spasm, extreme irritation of larynx and bronchi, chemical pneumonitis and

pulmonary edema. The material may produce respiratory tract irritation, and result in damage to the lung including reduced lung function.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapors especially at higher temperatures. 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.

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