

化学品安全技术说明书

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MSDS标题

LITHIUM HYDRIDE, FUSED SOLID MSDS报告

产品标题

一氢化锂

CAS号

7580-67-8

化学品及企业标识

PRODUCT NAME

LITHIUM HYDRIDE, FUSED SOLID

NFPA

Flammability	2
Toxicity	2
Body Contact	4
Reactivity	2
Chronic	0

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

PRODUCT USE

Reducing agent; condensing agent with ketones and acid esters; dessicant.

SYNONYMS

LiH

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

Causes severe burns.

Risk of serious damage to eyes.

Reacts violently with water liberating extremely flammable gases.

Flammable.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

The material can produce severe chemical burns within the oral cavity and gastrointestinal tract following ingestion.

EYE

The material can produce severe 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.

SKIN

The material can produce severe chemical burns following direct contact with the skin.

INHALED

If inhaled, this material can irritate the throat and lungs of some persons. 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.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts. Lithium, in large doses, can cause dizziness and weakness. If a low salt diet is in place, kidney damage can result. There may be dehydration, weight loss, skin effects and thyroid

disturbances. Central nervous system effects include slurred speech, blurred vision, numbness, inco-ordination and convulsions. Repeated exposure can cause diarrhea, vomiting, tremor, muscle jerks and very brisk reflexes.

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