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# 化学品安全技术说明书

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#### MSDS标题

HYDRATED LIME MSDS报告

#### 产品标题

苛石灰

#### CAS号

1305-62-0

化学品及企业标识

# **PRODUCT NAME**

HYDRATED LIME

# **NFPA**

Flammability	0
Toxicity	1
Body Contact	2
Reactivity	0
Chronic	0

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

# **PRODUCT USE**

Used as binder in mortar, plaster, cement and in other building and paving materials; in lubricants, drilling fluids, pesticides, fireproof coatings, water paints; as neutralizing agent in water and sewage treatment. Also as renders and a flux in steel production; in manufacture of paper pulp; SBR rubber vulcanization; dehairing hides; shell forming agent (poultry); ammonia recovery in gas manufacture; purification of sugar; disinfectant.

## **SYNONYMS**

Ca(OH)2, Ca-H2-O2, "calcium hydrate", "caustic lime", "lime slaked", "Bell Mine", "lime water", "milk of lime", "limbux lime", setelime, "quick lime", kemikal, "lime hydrated", "hydrolime Adelaide Brighton", "Blue Circle Tamaree Hydrated Lime"

## **CANADIAN WHMIS SYMBOLS**

## **EMERGENCY OVERVIEW**

## **RISK**

Irritating to eyes, respiratory system and skin.

## 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**

This material can cause eye irritation and damage in some persons. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

#### **SKIN**

This material can cause inflammation of the skin oncontact in some persons. Skin contact is not thought to have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or abrasions. The material may cause severe 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. Repeated exposures may produce severe ulceration.

## **INHALED**

If inhaled, this material can irritate the throat andlungs of some persons. Although inhalation is not thought to produce harmful effects, the material may still produce health damage, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally confined to doses producing mortality (death) rather than those producing morbidity (disease, ill- health). 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 andinhalation of generated dusts. Chronic exposure may result in a narrowing of the esophagus weeks, months or years after ingestion, making swallowing difficult.[CCINFO Mallinckrodt]

