

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-H₂O₂, "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 on contact 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 and lungs 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 and inhalation of generated dusts. Chronic exposure may result in a narrowing of the esophagus weeks, months or years after ingestion, making swallowing difficult. [CCINFO Mallinckrodt]