



Industrial Hydrated Lime Safety Data Sheet

WESLIME

Address	Salvadora Aljendea 20
Telephone	+381 63616140
Fax	+381 (0) 17 71 00 102
Email	office@weslime.com
Web Site	www.weslime.com

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name INDUSTRIAL HYDRATED LIME
Supplier Name WESlime LTD.
Address Salvadora Aljendea 20
Telephone +381 63616140
Fax +381 (0) 17 71 00 102
Email office@weslime.com
Web Site www.weslime.com

Use(s) Applications such as neutralising agent in water and sewage treatment, a binder in mortars and renders, soil stabilisation and maintaining alkaline conditions for mineral processing.

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation: Category 2
 Serious Eye Damage / Eye Irritation: Category 1
 Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

SIGNAL WORD DANGER
Pictograms



Hazard statements	Prevention statements	Response statements
Causes skin irritation. Causes serious eye damage. May cause respiratory irritation	<ul style="list-style-type: none"> - Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. - Use only outdoors or in a well-ventilated area. - Wear protective gloves/protective clothing/eye protection/face protection 	<ul style="list-style-type: none"> - IF ON SKIN: Wash with plenty of soap and water. - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - Immediately call a POISON CENTRE or doctor/physician. - If skin irritation occurs: Get medical advice/attention. - Take off contaminated clothing and wash before re-use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc
CALCIUM HYDROXIDE	Ca(OH) ₂	65 - 75%
MAGNESIUM HYDROXIDE	Mg(OH) ₂	3.5 - 5%
CRYSTALLINE SILICA (QUARTZ)	SiO ₂	0.5 - 3%
ALUMINIUM OXIDE	Al ₂ O ₃	0 - 1.5%
IRON (III) OXIDE	Fe ₂ O ₃	0 - 1%
LIMESTONE	CaCO ₃	0 - 2%

5. FIRST AID MEASURES

Eye	Flush thoroughly with flowing water for at least 15 minutes and seek medical attention if symptoms persist. If a lime slurry is splashed into the eyes flush thoroughly for 15 minutes then seek urgent medical attention.
Inhalation	Remove from dusty area to fresh air. If symptoms persist, seek medical attention.
Skin	Quickly, but gently, wipe material off skin. Immediately remove all contaminated clothing and footwear. Wash skin thoroughly with copious amounts of water.
Ingestion	Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.
Advice to Doctor	Treat symptomatically. Contact Poisons Information Centre (131126 Australia wide).
First Aid Facilities	Eye wash station.

Additional Information - Aggravated Medical Conditions

Inhalation	Inhalation of dust through prolonged, repeated exposure can cause bronchitis, silicosis (scarring of the lung.) It may also increase the risk of scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs) and lung cancer. Epidemiological studies have shown that smoking increases the risk of bronchitis, silicosis (scarring of the lung) and lung cancer.
Skin	Irritating to the skin. Prolonged and repeated skin contact with Hydrated Lime can cause irritant dermatitis or alkaline burns.
Eye	Irritating to the eye. If a large volume of lime dust (or slurry) is splashed into the eye alkaline burns can cause permanent damage.

6. FIRE FIGHTING

Flammability	Nonflammable. Does not cause dust explosions. Violent reaction with maleic anhydride, nitroethane, nitromethane, nitroparaffin, nitropropane, phosphorous and oxidants.
Fire and Explosion	Nonflammable. No fire or explosion hazard exists.
Extinguishing	Nonflammable.
Hazchem Code	None.

7. HANDLING AND STORAGE

Storage	Concrete or steel bins and silos or plastic lined paper sacks are the recommended forms of storage. Store in a cool, dry, well ventilated area, removed from moisture, oxidizing agents (e.g. phosphorus oxide), acids, ethanol, interhalogens (e.g. chlorine trifluoride) and foodstuffs. Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use. Also store removed from maleic anhydride, nitroethane, nitromethane, nitroparaffin, nitropropane, phosphorus, polychlorinated phenols and potassium nitrate.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Wear dust-proof goggles and rubber or PVC gloves. Where an inhalation risk exists, wear a Class P2 respirator. If there is potential for prolonged and/or excessive skin contact, wear coveralls. At high dust levels, wear a Class P3 respirator or a Powered Air Purifying Respirator (PAPR) with Class P3 filter



8. TOXICOLOGICAL INFORMATION

Acute Toxicity	No known toxicity data available for this product.
Eye	Irritant upon contact with dust. Over exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage
Inhalation	Slightly corrosive. Irritating to the respiratory system causing coughing and sneezing. Over exposure may result in severe mucous membrane irritation and bronchitis. Crystalline silica (found in this product below the reportable limit) can cause silicosis (lung disease) with chronic over exposure, however due to low levels present and product application, adverse health effects are not anticipated.
Skin	Irritating to the skin. Contact may result in skin rash, dermatitis and possible burns.
Ingestion	Slightly corrosive. Ingestion may result in burns to the mouth and throat, with vomiting and abdominal pain. Due to product form, ingestion is not considered a likely exposure route.
Mutagenicity	Insufficient data available for this product to classify as a mutagen

9. TRANSPORT INFORMATION

Not classified as a dangerous

Transport is by rail or road in bulk or bag form.

Drivers of trucks transporting bagged product should ensure that the bags are properly restrained.

Product Name	INDUSTRIAL HYDRATED LIME
Supplier Name	WESlime LTD.
Address	Salvadora Aljendea 20
Telephone	+381 63616140
Fax	+381 (0) 17 71 00 102
Email	office@weslime.com
Web Site	www.weslime.com

***The information in this document is believed to be accurate.