



INDUSTRIAL CHEMICALS CORPORATION

Firm Delivery No. 319 Road 127
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Emergency Number: 787-836-1260; 787-922-9152

TECHNICAL DATA SHEET LIME (Calcium Hydroxide Hydrated)

GENERAL INFORMATION

Lime product applications in water treatment vary greatly from the processing of drinking water to the purification of waste water, the water treatment processes of natural water as well as waste water and to the stabilization of sludge. Lime products are also used for the neutralization of industrial waste water. The main goal of waste water treatment is to minimize the burden on the receiving watercourses by removing all organic, oxygen-consuming compounds and nutrients. At municipal waste water treatment plants, waters are mostly treated with biological chemical methods, in which lime products can be used for controlling the pH and alkalinity, precipitating nutrients, handling sludge and removing odors.

PRODUCT SAFETY INFORMATION

Keep containers tightly closed when not in use. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Remove contaminated clothing and wash thoroughly after handling. Prevent leakage into the environment. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.	DOT CODE	GHS CODE Skin Corrosion/Irritation Cat 2 Eye Damage/Irritation Cat 1 Acute Toxicity/Inhalation Cat 4 Specific Target Organ Toxicity Cat 3	HMIS CODE					
	N/A		<table border="1"> <tr><td>2</td><td>HEALTH</td></tr> <tr><td>0</td><td>FLAMMABILITY</td></tr> <tr><td>0</td><td>REACTIVITY</td></tr> </table>	2	HEALTH	0	FLAMMABILITY	0
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Hand protection:	Use of gloves impermeable to the specific material handled, if necessary							
Eye protection:	Chemical goggles or safety glasses. Face shield if necessary							
Respiratory protection:	Wear a NIOSH approved or equivalent dust respirator, if necessary							

PHYSICAL PROPERTIES INFORMATION

Physical state:	Solid
Color:	White powder
Odor:	Odorless
pH:	12.45 (saturated solution at 25°C)
Specific Gravity:	2.3 – 2.4 (saturated solution)

STORAGE INFORMATION

Store this material in a cool, dry, well ventilated area. Protect against physical damage. Isolate from incompatible substances.

Shelf life: Stored under controlled conditions 3 years.

DELIVERY

Containers: Bags / Bulk tank trucks.

NOTE

Refer to the SDS for further health, safety and environmental information regarding this product. Information and recommendations in this technical data sheet are based on information believed to be reliable. However, the use of the product is beyond our control, and no guarantee expressed or implied is made as to the effects of such the results to be obtained id not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage, resulting from misuse of the product as such, or combination with other materials.

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