Watertight Enterprise Ltd
Unit 44-45
Enterprise House
Balloo Avenue
Bangor
BT19 7QT
Tel: 07922422474

COSHH Assessment - Lime (Chemical), Hydraulic - Lime (Chemical), Hydraulic

Description of Substance	Solid grey/ White odourless powder.
Method of Use	The substance is intended for the following non-exhaustive list of uses: Building material industry, Chemical industry, Agriculture, Biocidal use, Environmental protection (e.g. flue gas treatment, waste water treatment, sludge treatment), Drinking water treatment, Feed, food and pharmaceutical industry, Civil engineering, Paper and paint industry
Supplier Details	Singleton Birch Limited Address: Melton Ross Quarries, Barnetby North Lincolnshire DN38 6AE Phone No: +44(0)1652 686000 Fax No: +44(0)1652 686081 National Chemicals Emergency Centre (NCEC) +44(0) 8701 906621
Assessment Date	01/10/2020
Document Author	Mark Arrowsmith
Review Date	01/10/2021

Hazard Identification

Risk Level	Poses slight health risk if used incorrectly
Persons at Risk	Staff Contractors
Routes of Entry	Inhalation Absorption Ingestion
Amount Used	Medium (Litres), 1 to 5 times per day, for 31 to 60 minutes.

Personal Protective Equipment


Hand Protection


Protective Footwear


Eye Protection


Face Mask

Substance Properties


Harmful or Irritant


Corrosive

Risk / Safety Phrases & Work Exposure Limits

Work Exposure Limits	Risk / Safety Phrases
Calcium hydroxide - 1305-62-0 LTE (8 hour TWA) 5 mg.m3 STE (15 mins) 4 mg.m3	**P102**-Keep out of reach of children **P261**-Avoid breathing dust/fume/gas/mist/vapours/spray **P280**-Wear protective gloves/protective clothing/eye protection/face protection **P302 + P352**-IF ON SKIN: Wash with plenty of soap and water **P304 + P340**-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing **P305 + P351 + P338**-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **H315**-Causes skin irritation **H318**-Causes serious eye damage **H335**-May cause respiratory irritation **P501**-Dispose of contents/container to local regulations

Precautions & Controls

General Precautions Avoid inhaling and contact with eyes and skin.

Further Controls Required

First Aid Measures Following inhalation Move source of dust or move person to fresh air. Obtain medical attention immediately. Following skin contact Carefully and gently brush the contaminated body surfaces in order to remove all traces of product. Wash affected area immediately with plenty of water. Remove contaminated clothing. If necessary seek medical advice. Following eye contact Rinse eyes immediately with plenty of water and seek medical advice. After Ingestion Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention.

Spillage Procedure Ensure adequate ventilation. Keep dust levels to a minimum. Keep unprotected persons away. Avoid contact with skin, eyes, and clothing – wear suitable protective equipment. Avoid inhalation of dust – ensure that sufficient ventilation or suitable respiratory protective equipment is used, wear suitable protective equipment. Environmental precautions Contain the spillage. Keep the material dry if possible. Cover area if possible to avoid unnecessary dust hazard. Avoid uncontrolled spills to watercourses and drains (pH increase). Any large spillage into watercourses must be alerted to the Environment Agency or other regulatory body. Keep the material dry if possible. Pick up the product mechanically in a dry way. Use vacuum suction unit, or shovel into bags.

Handling and Storage The substance should be stored under dry conditions. Any contact with air and moisture should be avoided. Bulk storage should be in purpose â– designed silos. Keep away from acids, significant quantities of paper, straw, and nitro compounds. Keep out of reach of children. Do not use aluminium for transport or storage if there is a risk of contact with water.

Disposal Considerations Disposal of natural hydraulic lime should be in accordance with local and national legislation. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with applicable member state and local requirements. The used packing is only meant for packing this product; it should not be reused for other purposes. After usage, empty the packing completely.

Fire Prevention Suitable extinguishing media: The product is not combustible. Use a dry powder, foam or CO2 fire extinguisher to extinguish the surrounding fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. DO NOT use water.

COSHH Assessment Comments Where possible use LEV to control the release of dust.

Signatures				
	Name	**Title**	**Signature**	**Date**
Document Author	Mark Arrowsmith	Director		01/10/2020

Sign Off Sheet

I have read and understood the contents of this COSHH Assessment.

Anything I did not understand has been explained to me to my satisfaction.

I agree to follow the COSHH Assessment and understand that any control procedures are provided for my safety and the safety of others.

Print Name	**Signed**	**Date**