Material Safety Data Sheet

Infosafe No™ 8AC4E Issue Date :October 2012 ISSUED by ACECHEM

Product Name **CALCIUM HYDROXIDE FG**

Classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name CALCIUM HYDROXIDE FG

Product Code C151704

Company Name ACE CHEMICAL COMPANY (ABN 35619819300)

Address 119A Mooringe Avenue Camden Park
S.A 5038 Australia

Telephone Number/Fax Tel: 08-8376 0844
Fax: 08-8295 8563

Other Names

Name	Product Code
Limbux, Calcium Hydroxide Food Grade	

Email acechem@bigpond.com

Other Information Ace Chemical Company has taken care in compiling this information. No liability is accepted wether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Solid

Ingredients

Name	CAS	Proportion	Hazard Symbol	Risk Phrase
Calcium Hydroxide	1305-62-0	100 %		

3. HAZARDS IDENTIFICATION

Chronic Effects See Health Hazard Data.

Health Hazard After ingestion: Irritation of mucous membranes in the mouth, pharynx, oesophagus, and gastrointestinal tract.
After skin contact: Burns.
After eye contact: Burns. Risk of blindness!

Inhalation See Health Hazard Data.

Ingestion See Health Hazard Data.

Skin See Health Hazard Data.

Other Information See Health Hazard Data.

4. FIRST AID MEASURES

Inhalation Remove from exposure.

Ingestion Wash out mouth thoroughly with water. In severe cases obtain medical attention. Contact a doctor or Poisons Information Centre. Phone 13 1126.

Skin Wash off thoroughly with soap and water.

Eye Hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities Safety shower. Eyewash facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Methods Not applicable to this product.
Use extinguisher relative to the combustible materials on fire.

Flash Point Not applicable

Ignition Temperature Not applicable

Flammable Limits UEL Not applicable

Flammable Limits LEL Not applicable

Flammability May evolve toxic fumes in fire.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Wear appropriate protective clothing. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water. For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. HANDLING AND STORAGE

Handling No special handling conditions specified.

Storage Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls, Personal Protection As appropriate to quantity handled.

National Exposure Standards OES, Long-term, mg/m3: 5 - Calcium hydroxide

	TWA	STEL	CARCIN	NOTE
Calcium Hydroxide	-/5	-/-	-	-

Respiratory Protection Dust respirator. Ensure respirator is clean, well-fitting and in good working order. All respirators should comply wth Australian Standard AS 1716 and be used in accordance with AS 1715.

Eye Protection Goggles or face-shield

Hand Protection Rubber or plastic

Other Information Ventilation: Extraction hood
Plastic apron, sleeves, boots - if handling large quantities

9. PHYSICAL AND CHEMICAL PROPERTIES

Odour odourless

Melting Point Not applicable

Boiling Point Not applicable

Solubility in Water Slightly soluble

Specific Gravity (H2O=1) Not applicable

pH Value 12 (2g/l H2O)

Vapour Pressure Not applicable

Vapour Density (Air=1) Not applicable

Colour white

Flash Point Not applicable

Flammability May evolve toxic fumes in fire.

Ignition Temperature Not applicable

Flammable Limits LEL Not applicable

Flammable Limits UEL Not applicable

Other Information Log P(o / w): No data
Chemical Characteristics: Alkali

10. STABILITY AND REACTIVITY

Stability sensitive to moisture, sensitive to air.

Hazardous Reaction Substances to be avoided acids, hydrogen sulfide, light metals.

11. TOXICOLOGICAL INFORMATION

Toxicology Information LD50 7340 mg/kg oral, rat. No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

Health Hazard After ingestion: Irritation of mucous membranes in the mouth, pharynx, oesophagus, and gastrointestinal tract.
After skin contact: Burns.
After eye contact: Burns. Risk of blindness!

Inhalation See Health Hazard Data.

Ingestion See Health Hazard Data.

Skin See Health Hazard Data.

Chronic Effects See Health Hazard Data.

12. ECOLOGICAL INFORMATION

Information on Ecological Effects No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Harmful effect due to pH shift.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Chemical residues are generally classified as special waste, and as such are covered by regulations, which vary according to location. We strongly recommend that you retain the services of a licensed Waste Disposal Company to dispose of your waste.
Rinse out empty containers thoroughly before disposal or recycling.
The containers recommended A, B, C etc allow for the consolidation of similar types of waste prior to professional disposal.
Inorganic sales: container I. Neutral solutions of these salts: container D.
Before Placing in container D, check the pH with pH universal indicator strips (Cat. No. 1.09535).

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazchem Code None Allocated

Packing Group None allocated.

15. REGULATORY INFORMATION

Symbol Xi

Risk Phrase R41 Risk of serious damage to eyes.

Safety Phrase S22-24-26-39 Do not breathe dust Avoid contact with skin In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Wear eye/face protection.

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Contact Person/Point
Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26
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Poisons Schedule Not Scheduled

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