

# Safety Data Sheet

## Section 1 - Product Identification

**Identity (As used on Label or List)**

Hypo-Cal

**Hazard Class: D**

**Manufacturer's Name**

Ellman International, Inc.

**Emergency Telephone Number**

(516) 594-3333

**Address, Number, Street, City, State, Zip**

400 Karin Lane

Hicksville, New York 11801

USA

**Telephone Number For Information**

(516) 594-3333

## Section 2 – Hazard(s) Identification

**Trade Name:** Hypo-Cal

**Generic Name:** Calcium Hydroxide:

**Chemical Name:****Hazardous Components (Specific Chemical Identity Common Name(s))**

Calcium Hydroxide; Calcium Hydrate; Hydrated Lime; Slaked Lime

**Special Notes:** All of the above are different names for the same material

Hydroxyethylcellulose MR CASRN: 007631-99-4

(if used under conditions that generate particles of dust)

Hydroxyethylcellulose GR CASRN: 007631-99-4

Barium Sulfate

CASRN: 007727-43-7

OSHA PEL	ACGIH TLV	Other Limits	% Optional
5mg/m <sup>3</sup>	5mg/m <sup>3</sup>		< 99
15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		< 1
15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		< 1
10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		< 1

**Special Notes:** The ingredients in this product are not listed in 29CFR1910. Subpart Z. nor do they appear in "threshold of values for chemical substances and physical agents." ACGIH also see Doc# 20-0316, 20-0342, 20-0323

## Section 3 – Composition/Information on Ingredients

**Solubility in Water**

Insoluble in Alcohol: Almost insoluble in water. Soluble in glycerin, acid soft

**Appearances and Odor**

White crystalline powder, alkaline with acidic taste.

## Section 4 – First-Aid Measures

**Emergency and First Aid Procedures**

Skin: Rinse thoroughly with water. Inhalation: remove to ventilated area. Ingestion: 4-8 oz. water if able to swallow. Eyes: Hold lid open and immediately flush with plenty of water.

## Section 5 – Fire-Fighting Measures

**Flash Point (Method Used):** Non-Flammable

**Flammable Limits:** N/A

**LEL:** N/A

**LEL:** N/A

**Extinguishing Media:** N/A

**Special Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazards:** None

## Section 6 – Accidental Release Measures

### Steps to be Taken in Case Material is Released or Spilled

Collect and remove with a broom in a large bucket. Dilute with water and neutralize.

## Section 7 – Handling and Storage

Put into large vessel of water. Discharge into sewer with sufficient water.

### Precautions to be Taken in Handling and Storing

Keep lid tightly closed.

### Other Precautions

Unknown

## Section 8 – Exposure Controls/Personal Protection

**Respiratory Protection (Specify Type):** Under normal use not needed

### Ventilation

Dust considered important industrial hazard.

### Mechanical (general)

Should use breathing mask

### Other Protective Clothing or Equipment

Protective clothing or equipment. Eye bath and washing facilities should be nearby....

### Local Exhaust

A common air contaminant

### Eye Protection

Wear safety glasses with shield

### Special

### Protective Gloves

Polyethylene or Rubber

### Work/Hygienic Practices

No Dusty Air

## Section 9 – Physical and Chemical Properties

**Boiling Point** N/A

**Specific Gravity** 1.96% for mixed material

**Vapor Pressure (mm Hg)**

**Melting Point** N/A

**Vapor Density (Air=1):** N/A

**Boiling Point Evaporation (Butyl Acetate =1):** N/A

## Section 10 – Stability and Reactivity

☐ Stability ☒ Stable: ☐ Unstable: Conditions to Avoid

### Incompatibility (Materials to Avoid)

Violent reaction with Maleic anhydride & nitromethane

### Hazardous Decomposition or Byproducts

### Hazardous Polymerization

May Occur ☒ Will Not Occur

### Conditions to Avoid

## Section 11 – Toxicological Information

### Route(s) of Entry

Respiratory

### Inhalation?

Yes

### Skin?

Yes

### Ingestion?

Yes

### Health Hazards (Acute and Chronic)

Low toxicity by ingestion. Irritant to skin, eyes, mucous membranes and respiratory system. Causes dermatitis.

There is no special toxicity though pulverized dust irritates skin.

### Carcinogenicity Regulated?

Unknown

### Signs and Symptoms of Exposure

tachcardia & Shock: Dyspnea: Sneezing, coughing & stidor: blurred vision: tremors, nausea vomiting & abdominal pain.

### Medical Conditions Aggravated by Exposure

Unknown

## Section 12 – Ecological Information

### Ecotoxicity

Do not empty into drains

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Calcium Hydroxide	Not Listed	160 mg/L LC50 96h	Not Listed	Not Listed

### Persistence and Degradability

No information available

### Bioaccumulation / Accumulation

No information available

### Mobility

No information available

## Section 13 – Disposal Considerations

### Waste Disposal Methods

Chemical waste generators must determine whether a discarded material is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## Section 14 – Transport Information

### DOT

UN-No	UN3262
Proper Shipping Name	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
Proper Technical Name	Calcium Hydroxide
Hazard Class	8
Packing Group	III

### TDG

UN-No	UN3262
Proper Shipping Name	CORROSIVE SOLID, BASIC, INORGANIC N.O.S.
Hazard Class	8
Packing Group	III

### IATA

UN-No	UN3262
Proper Shipping Name	Corrosive solid, basic, inorganic, n.o.s.
Hazard Class	8
Packing Group	III

### IMDG/IMO

UN-No	UN3262
Proper Shipping Name	Corrosive solid,basic, inorganic, n.o.s.
Hazard Class	8
Packing Group	III

## Section 14 – Regulatory Information

International Inventories											
Component	TSCA	DSL	NDSL	EINE CS	ELIN CS	NLP	PICCS	ENC S	AICS	CHINA	KECL
Calcium hydroxide	X	X	-	215-137-3	-		X	X	X	X	KE-04518
											X

### Legend:

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA. F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater. Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

### U.S. Federal Regulations

**TSCA 12(b)** Not applicable

**SARA 313** Not applicable

### SARA 311/312 Hazardous Categorization

Acute Health Hazard

Chronic Health Hazard

Fire Hazard

Sudden Release of Pressure Hazard

Reactive Hazard

### Clean Water Act

Not applicable

### Clean Air Act

Not applicable

### OSHA

Not Applicable

### CERCLA

Not Applicable

### California Proposition 65

This product does not contain any Proposition 65 Chemicals.

**State Right-to-Know****Component**

Calcium hydroxide

**Massachusetts**

X

**New Jersey**

X

**Pennsylvania**

X

**Illinois**

-

**Rhode Island**

X

**U.S. Department of Transportation** Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security** This product does not contain any DHS chemicals.**Other International Regulations****Mexico - Grade** No information available**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

E Corrosive material

**Section 16 – Other Information****Revision Date:** 05/05/2015**Revision Level:** B

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