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))	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Calcium Hydroxide; Calcium Hydrate; Hydrated Lime; Slaked Lime **Special Notes:** All of the above are different names for the same material	5mg/m^3	5mg/m^3		< 99
Hydroxyethylcellulose MR CASRN: 007631-99-4 (if used under conditions that generate particles of dust)	15 mg/m^3	10 mg/m^3		< 1
Hydroxyethylcellulose GR CASRN: 007631-99-4	15 mg/m^3	10 mg/m^3		< 1
Barium Sulfate CASRN: 007727-43-7	10 mg/m^3	10 mg/m^3		< 1

Special Notes: The ingredients in this product are not listed in29CFR1910. 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.

Local Exhaust
A common air contaminant

Special

Mechanical (general)
Should use breathing mask

Eye Protection
Wear safety glasses with shield

Protective Gloves
Polyethylene or Rubber

Other Protective Clothing or Equipment
Protective clothing or equipment. Eye bath and washing facilities should be nearby….

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 **Conditions to Avoid**

☐ X **Stable**: ☐ **Unstable:**

Incompatibility (Materials to Avoid)

Violent reaction with Maleic anhydride & nitromethane

Hazardous Decomposition or Byproducts

Hazardous Polymerization **Conditions to Avoid**

May Occur X Will Not Occur

Section 11 – Toxicological Information

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
Respiratory	Yes	Yes	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

Ecotoxity

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

Persistance 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	EINECS	ELINCS	NLP	PICCS	ENCS	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	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Calcium hydroxide	X	X	X	-	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