

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: CAL-O-SORB 40

Product Code: 0980

Chemical Name: Calcium Oxide & Naphthenic Distillate

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620
Chicago, IL 60606 PH: (877) 427-4255
USA

HMIS
Health: 2
Flammability: 0
Reactivity: 1
Gloves, Safety Glasses
& Dust Mask

Emergency Phone Numbers: The HallStar Company: (708) 594 - 5999
CHEMTREC: (800) 424 - 9300

Section 2 - Information on Ingredients

<u>Chemical Name:</u>	<u>CAS #:</u>
Calcium Oxide	1305-78-8
Crystalline Silica (0.1 – 0.3%)	14808-60-7
Hydrotreated Heavy Naphthenic Distillate	64742-52-5

Section 3 - Hazard Identification

WARNING: Avoid contact with water. Reaction with water may produce enough heat to ignite combustible material.

Appearance/Odor: Light brown powder; mild odor.

Potential Health Effects

Skin Contact: Corrosive. May cause severe burns and blistering depending upon duration of contact.

Eye Contact: Corrosive. May produce severe irritation.

Ingestion: Substance may be harmful if swallowed. May irritate mouth, throat and stomach.

Inhalation: Causes irritation and inflammation to mucous membranes and respiratory passages.
Long-term exposure can cause irritation, ulceration and perforating of nasal septum.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Seek medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: Rinse mouth and seek medical attention.

Inhalation: Person should be moved to a fresh air environment.

Product Name: CAL-O-SORB 40

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO₂ , Dry Chemical, Foam
Special Fire-Fighting Procedures: A MSHA/NIOSH approved self contained breathing apparatus should be worn. Reaction with water may produce enough heat to ignite combustible material.
Unusual Fire and Explosion Hazards: Material is an explosion hazard when wet and confined.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (ie: sand, earth, sawdust) and transfer to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures. Containers should be kept tightly closed and stored in a dry well-ventilated place away from water and acids.

Section 8 - Personal Protection

OSHA Permissible Exposure Limit (PEL) : 5 mg/m³ (calcium oxide) ; 0.1 mg/m³ (crystalline silica)
ACGIH Threshold Limit Value (TLV): 2 mg/m³ (calcium oxide); 0.05 mg/m³ (crystalline silica)

Hand Protection: Neoprene or Viton gloves
Respiratory Protection: Use NIOSH approved dust mask when exposure to dusts is anticipated.
Eye Protection: Safety Glasses
Engineering Measures: For normal operation local exhaust ventilation should suffice. Direct exhaust when material becomes a dusting hazard.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	N/A	Specific Gravity:	2.62
Flash Point (COC):	N/A	Evaporation Rate:	N/A
Vapor Density:	N/A	Solubility in Water:	decomposes
Vapor Pressure (25° C):	N/A	pH:	N/A
Appearance and Odor: Light brown powder; mild odor.			

Product Name: CAL-O-SORB 40

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Exposure to water, humid air, acids.
Hazardous Polymerization: Will not occur under normal circumstances.
Incompatibility: Water, acids, interhalogens, phosphorus (V) oxide

Section 11 - Toxicological Information

No toxicological information is available at this time

Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Department of Transportation Regulations:
GROUND - Not regulated
AIR - Proper Shipping Name: Calcium Oxide
UN Number: UN 1910
Hazard Class: 8
Packing Group: III

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA regulation of the United States.
Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.
Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS inventory of Australia.
European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory of Europe.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards
Reactivity
Acute Health Hazard
Chronic Health Hazard

Product Name: CAL-O-SORB 40

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Ingredients

Crystalline silica (airborne particles of respirable size); weight % in product 0.1% - 0.3%

Section 16 - Other Information

Prepared By: AAC

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Supersedes: 08/04

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.