

SAFETY DATA SHEET



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Ghemco G5

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: G5
Recommended Use: Sealant - Other, **Professional Use Only**
Use advised against: No information available

Company Contact Information:

Ghemco
PO Box 3977, Santa Fe Springs, CA 90670
(562) 250-4745

Chemtrec:

(800) 424-9300 (Account CCN837338) or International: (703) 527-3887 (Account CCN837338)

2. HAZARDS IDENTIFICATION

GHS Classification



Classification: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency Overview: Signal word - Warning

Hazard Statements: Causes serious eye irritation

Appearance: Varies

Physical State: Paste Liquid

Odor: Mint-like

Precautionary Statements - Prevention

Wear protective gloves; Wash face, hands and any exposed skin thoroughly after handling; Wear eye/face protection; Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

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Eyes

IF IN EYES: Rinse cautiously with water for several minutes; Remove contact lenses, if present and easy to do; continue rinsing; if eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

67.91% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Very toxic to aquatic life with long lasting effects

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Mixture

Chemical Nature: MS

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
1317-65-3	30 - 60	Limestone
471-34-1	10 - 30	Calcium Carbonate

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

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Skin Contact

Wash with soap and water.

Inhalation

Remove to fresh air.

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Most important symptoms and effects, both acute and delayed

Burning sensation

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available

Uniform Fire Code

Irritant: Liquid

Hazardous Combustion Products

Carbon oxides

Explosion Data

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Other Information

Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Environmental Precautions

Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

None known based on information supplied

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines

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The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Limestone (CAS# 1317-65-3)	-	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust
Calcium Carbonate (CAS# 471-34-1)	-	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear protective gloves and protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

9. PHYSICAL & CHEMICAL PROPERTIES

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Physical Form: Paste, Liquid
Color: Varies
Odor: Mint-like
Odor Threshold: No information available
Appearance: Varies

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.6	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Information

Softening Point	No data available
VOC Content (g/L)	13
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

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None under normal processing

Hazardous Polymerization

Hazardous polymerization does not occur

Conditions to avoid

Moisture

Incompatible materials

None known based on information supplied

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation:

Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye Contact:

Specific test data for the substance or mixture is not available. Causes serious eye irritation (based on components). May cause redness, itching, and pain.

Skin Contact:

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion:

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium Carbonate (CAS# 471-34-1)	= 6450 mg/kg (Rat)	-	-

Information on toxicological effects

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The logo for GHEMCO, featuring the word "GHEMCO" in white, bold, uppercase letters on a dark red rectangular background.

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Symptoms:

May cause redness and tearing of the eyes

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization:

No information available.

Mutagenic Effects:

No information available.

Carcinogenicity:

Contains no ingredients listed as a carcinogen

Reproductive Toxicity

No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Chronic Toxicity

No known effect based on information supplied.

Target Organ Effects

Eyes. Skin. Respiratory system. Bladder.

Aspiration Hazard

No information available.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) = 8,664.00 mg/kg

ATEmix (dermal) = 90,335.24 mg/kg (ATE)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Persistence and Degradability

No information available.

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Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT NOT REGULATED

Proper Shipping Name: Non Regulated
Hazard Class: N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

Proper Shipping Name: Non Regulated
Hazard Class: N/A

IMDG/IMO Not regulated

Hazard Class: N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

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15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL All components are listed either on the DSL or NDSL

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

None reportable

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
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Limestone (CAS# 1317-65-3)	X	X	X		
Calcium Carbonate (CAS# 471-34-1)	X				

International Regulations

Mexico

Component	Carcinogen Status	Exposure Limits
Limestone (CAS# 1317-65-3)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³
Calcium Carbonate (CAS# 471-34-1)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³

Mexico – Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class
Not Determined

16. OTHER INFORMATION

NFPA

Health Hazards: 2
Flammability: 0
Instability: 0
Physical/Chemical Haz. -

HMIS

Health Hazards: 2
Flammability: 0
Physical Hazard: 0
Personal Protection: X

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