



# Material Safety Data Sheet

MSDS 125

May be used to comply with OSHA's Hazardous Communication Standard 29 CFR 1910.1200 Standard must be consulted for specific requirements.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Identity: (As Used on Label and List)

BL-112OH Oxygen Scavenger

## Section 1 – Identification

### Manufacturer's Name

Chemgard, Incorporated

### Address (Number, Street, City, State, and Zip Code)

1062 S. Batesville Road  
Greer, SC 29650

### Date Prepared/Revised

03/29/15

### Emergency Telephone Number

Chemtrec: 1-800-424-9300

### Telephone Numbers for Information

864-879-0884  
864-879-7981

### Name of Preparer (optional)

Vernon D. Campbell

## Section 2 – Hazard(s) Identification

Component	CAS Numbers	OSHA PEL	ACGIH TLV
Sodium Sulfite	#7757-83-7	N/E	5 mg/m <sup>3</sup>
Sodium Metabisulfite	#7681-57-4	N/E	5 mg/m <sup>3</sup>
Potassium Hydroxide	#1310-58-3	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>

Note: N/D = Not Determined N/A = Not Applicable N/E = None Established

HMIS- Health: 3 Flammability: 0 Reactivity: 1 PPE: J

Emergency Response Guidebook Number: 154

## GHD Label elements, including precautionary statements:



Pictogram

Signal word

Warning

Hazard statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H320	Causes eye irritation
H332	Harmful if inhaled

Precautionary statement(s)

P280	Wear protective gloves/ eye protection/ face protection.
P301 + P315	IF SWALLOWED: Get immediate medical advice/attention.
P303 + P361 + P353 + P352	IF ON SKIN (or hair): Remove/Take Off immediately all contaminated clothing. Rinse skin water/shower. Wash with soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes.

P304 + P340 + P321

Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Specific treatment – if breathing is difficult, give oxygen.

**DOT Information:** Not dangerous goods.

**Potential Health Effects:** Inhalation – Harmful if inhaled. Causes nasal and respiratory tract irritation/burning  
 Skin – Causes skin irritation/burning.  
 Eyes – Causes eye irritation/burning.  
 Ingestion – Harmful if swallowed. Irritates gastrointestinal tract.

### Section 3 – Composition/Information on Ingredients

Composition Components	CAS Numbers	PERCENT
Sodium Sulfite	#7757-83-7	10 – 20
Sodium Metabisulfite	#7681-57-4	9 – 14
Potassium Hydroxide	#1310-58-3	0 – 5

### Section 4 – First Aid Measures

#### If inhaled

If breathed in, move person into fresh air. Treat symptomatically – if breathing is difficult, give oxygen.

#### In case of skin contact

Remove contaminated clothing and wash affected area with soap and water for at least 15 minutes. (Note: Wash contaminated clothing before reuse, and destroy or thoroughly clean contaminated shoes.)

#### In case of eye contact

Rinse immediately and thoroughly with large amounts of water for 15 minutes. If easy to do, remove contact lens. Seek medical attention.

#### If swallowed

If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

### Section 5 – Firefighting Measures

Flash Point: N/A

Flammable Limits

LEL: N/A

UEL: N/A

Extinguishing Media: Dry chemical, carbon dioxide, and foam

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Temperatures at or near boiling cause evolution of toxic and corrosive Sulfur Dioxide gas. Sulfur Dioxide also will evolve slowly at ambient temperatures.

## Section 6 – Accidental Release Measures

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### Personal precautions

Use personal protective equipment. Avoid getting material on skin, clothing, or in eyes. Avoid breathing mist and Sulfur Dioxide vapors.

### Methods and materials for containment and cleaning up

Neutralize with soda ash, lime, or limestone and flush to sewer with plenty of water, if permitted by applicable disposal regulations.

Good ventilation is required during neutralization.

Oxidation to Sodium Sulfate solution is required prior to disposal; this is completed by adding a slight excess of dilute Hydrogen Peroxide.

## Section 7 – Handling and Storage

### Precautions for safe handling

Avoid formation of aerosols, and avoid breathing mist and Sulfur Dioxide vapors. Avoid getting material on skin, clothing, or in eyes. Wash thoroughly after handling. Use with adequate ventilation.

### Conditions for safe storage

Keep containers tightly closed when not in use and in a well-ventilated place. Keep away from acids, oxidizing agents, and heat.

## Section 8 – Exposure Controls/Personal Protection

Respiratory Protection: NIOSH approved respirator for Sulfur Dioxide gas is required when threshold limits are exceeded.

Ventilation: Local Exhaust: Yes

Special: None

Mechanical Exhaust: Yes

Other: None

Protective Gloves: impervious rubber

Eye Protection: chemical safety goggles or safety glasses

Other Protective Clothing or Equipment: An eyewash station and safety shower should be readily available.

Work/Hygienic Practices: Follow normal chemical hygiene.

## Section 9 – Physical and Chemical Properties

Boiling Point: >100°C (>212°F)

Specific Gravity: 1.21 – 1.26

Vapor Pressure (mm Hg.): N/D

Melting Point: N/D

Vapor Density (AIR=1): N/D

Evaporation Rate (Butyl Acetate=1): N/D

Solubility in Water: Complete

pH: 7.0 – 7.5

Appearance and Odor: Slightly red, clear to opaque solution with slight odor.

## Section 10 – Stability and Reactivity

### Chemical stability

Stable under recommended storage conditions.

**Conditions to avoid**

Temperatures above 100°C

**Materials to avoid**

Oxidizing agents may cause strong exothermic reactions. Acids yield Sulfur Dioxide gas.

**Hazardous decomposition products or Byproducts**

Heat or acids release Sulfur Dioxide gas.

**Hazardous Polymerization**

Will not occur.

**Section 11 – Toxicological Information**

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

Signs and Symptoms of Exposure:

If eye contacted, causes irritation/burning.

If skin contacted, causes irritation/burning.

If swallowed, irritates the gastrointestinal tract.

If inhaled, causes irritation of the nasal and respiratory tract.

Carcinogenicity:                      NTP? **NO**    IARC Monographs? **NO**    OSHA Regulated? **NO**

Medical Conditions Generally Aggravated by Exposure: None Known.

**Section 12 – Ecological Information****Toxicity**

no data available.

**Persistence and degradability**

no data available.

**Bioaccumulative potential**

no data available.

**Mobility in soil**

no data available.

**PBT and vPvB assessment**

no data available.

**Other adverse effects**

no data available.

**Section 13 – Disposal Considerations****Product**

Follow federal, state, and local regulations for the disposal of surplus/unused material.

**Waste Disposal of Spillage Cleanup**

Neutralized or oxidized waste may have to be disposed of by an approved contractor. Follow all federal, state, and local disposal regulations.

**Section 14 – Transport Information**

## Section 15 – Regulatory Information

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

## Section 16 – Other Information

### Further information

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