



Serving Our Customers Since 1975

# SAFETY DATA SHEET

Issue Date: 11 March 2016

Revision Date: 11 March 2016

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name: **MIGHTY GREEN**

Product Description: **CLEANER/DEGREASER**

### Other Means of Identification

Product # 158A  
Synonyms None

### Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.  
5731 Manchester Avenue  
St. Louis, MO 63110  
www.chemcoindustries.com  
314-647-1888  
1-800-854-4236 (to Reorder)

### Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

### OSHA HCS 2012

Label Elements

Hazard pictograms (GHS-US): None Required

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US): None

Precautionary statements (GHS-US): None

Hazards Not Otherwise Classified (HNOC): None

Other Information: Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%
Water	7732-18-5	>84.8
Ethoxylated Alcohol	68439-46-3	<5
Tetrasodium N,N-bis(carboxymethyl)-L-glutamate	51981-21-6	<1
Sodium Carbonate	497-19-8	<1
Isothiazolinone mixture	55965-84-9	<0.2
Fragrance	Proprietary Mixture	<1
Colorant	Proprietary Mixture	<1

## 4. FIRST AID MEASURES

### Description of first aid measures:

Inhalation:

Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin Contact:

Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact:

Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.

Ingestion:

May cause upset stomach. Drink plenty of water to dilute. See Section 11.

**Most Important Symptoms/Effects, Acute and Delayed:** None known.

**Indication of Immediate Medical Attention and Special Treatment Needed, if necessary:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable & Unsuitable Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam. Avoid high volume jet water.

**Specific Hazards Arising from Chemical:** In event of fire, fire created carbon oxides may be formed.

**Special Protective Actions for Fire-Fighters:** Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable. See Section 9 for Physical Properties.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** See section 8 - personal protection. Avoid eye contact. Safety goggles suggested.

**Environmental Precautions:** Do not allow into open waterways and ground water systems.

**Methods and Materials for Containment and Clean Up:** Dike or soap up with inert absorbent material. See Section 13 for disposal consideration.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminated with any other chemical. Do not eat, drink or smoke while using this product.

**Conditions for Safe Storage including Incompatibilities:** Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109F (42.7C). If separation occurs, mix the product for reconstitution.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limit Values:** No components listed with TWA or STEL values under OSHA or ACGIH.

**Appropriate Engineering Controls:** Showers, eyewash stations, ventilation systems

**Individual Protection Measures/Personal Protection Equipment (PPE)**

**Eye Contact:** Use protective glasses or safety goggles if splashing or spray-back is likely.

**Respiratory:** Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

**Skin Contact:** Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

**General Hygiene Considerations:** Wash thoroughly after handling and before eating or drinking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties:**

Appearance	Blue Liquid	
Odor	Added fresh linen odor	
Odor threshold	Not determined	
pH	8.5-9.5	
Freezing point	0-3.33C (32-38F)	
Boiling point & range	101C (213.8F)	
Flash point	> 212 °F	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not applicable	
Explosion limits	Not applicable	
Vapor pressure	Not determined	
Vapor density	Not determined	
Partition Coefficient	Not determined	
Specific gravity	1.01-1.03	
Auto-ignition temperature	Non-flammable	
Decomposition temperature	109F	
Viscosity	Like water	
VOC: SCAQMD 304-91/EPA24	Not tested	
VOC: CARB Method 310	2.5 g/L 0.021lb/gal	0.25% (water & fragrance exemption in calculation)
VOC: SCAQMD Method 313	Not tested	
VOC Composite Partial Pressure	Not determined	
Relative Density:	8.34-8.42 lb/gal	
Solubility:	100% in Water	

## 10. STABILITY AND REACTIVITY

**Reactivity:** Non-reactive

**Chemical stability:** Stable under normal conditions 70F (21C) and 14.7 psig (760 mmHg)

**Possibility of hazardous reactions:** None known

**Conditions to avoid:** Excessive heat or cold.

**Incompatible materials:** Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.

**Hazardous decomposition products:** Normal products of combustion - CO, CO<sub>2</sub>

## 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure:

Inhalation: Overexposure may cause headache.

Skin Contact: Not expected to cause irritation, repeated contact may cause dry skin.

Eye Contact: Not expected to cause irritation.

Ingestion: May cause upset stomach.

*Symptoms related to the physical, chemical and toxicological characteristics:* no symptoms expected under typical use conditions.

*Delayed and immediate effects and or chronic effect from short term exposure:* no symptoms expected under typical use conditions.

*Delayed and immediate effects and or chronic effects from long term exposure:* headache, dry skin, or skin irritation may occur.

*Interactive effects:* Not known.

### Numerical Measures of Toxicity

#### Acute Toxicity:

Oral LD50 (rat) >5 g/kg body weight

Dermal LD50 (rabbit) >5 g/kg body weight

#### Skin corrosion/irritation:

Based on similar formulations, does not classify in this category

#### Eye damage/irritation:

Based on similar formulations, does not classify in this category

#### Germ Cell Mutagenicity:

Mixture does not classify under this category.

#### Carcinogenicity:

Mixture does not classify under this category.

#### Reproductive Toxicity:

Mixture does not classify under this category.

#### STOT - Single Exposure:

Mixture does not classify under this category.

#### STOT - Repeated Exposure:

Mixture does not classify under this category.

#### Aspiration Hazard:

Mixture does not classify under this category.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals.

**Aquatic:** Not tested on finished formulation.

**Terrestrial:** Not tested on finished formulation.

**Persistence and degradability:** Readily Biodegradable per OCED 301D, Closed Bottle Test

**Bioaccumulative potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** No data available

## 13. DISPOSAL CONSIDERATIONS

**Unused or Used Liquid:** May be considered hazardous in your area depending on usage and tonnage of disposal - check with local, regional, and or national regulations for appropriate methods of disposal.

**Empty Containers:** May be offered for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

## 14. TRANSPORT INFORMATION

### Department of Transportation (DOT)

**UN-No.(DOT):**

Not applicable

**UN Proper Shipping Name (DOT):**

Cleaning Compound, Liquid NOI

**NMFC:**

48580-3

**Transport hazard class(es) (DOT):**

Not applicable

**Packing Group:**

Not applicable

**Environmental Hazards:**

Marine Pollutant - NO

**Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code):** Unknown

**Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises:** None Known.

**US (DOT)/Canadian TDG:** Not regulated for shipping.

**IMO/IDMG:** Not classified as Hazardous

**ICAO/IATA:** Not classified as Hazardous

**ADR/RID:** Not classified as Hazardous

## 15. REGULATORY INFORMATION

**All components are listed on:** TSCA and DSL Inventory.

**SARA Title III:** Sections 311/312 Hazard Categories - Not applicable  
Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 - Not applicable  
Sections 302 - Not applicable

**Clean Air Act (CAA):** Not applicable

**Clean Water Act (CWA):** Not applicable

**State Right To Know Lists:** No ingredients listed

**California Proposition 65:** No ingredients listed

**Texas ESL:**

Ethoxylated Alcohol	68439-46-3	60 ug/m3 long term	600 ug/m3 short term
Sodium Carbonate	497-19-8	5 ug/m3 long term	50 ug/m3 short term

## 16. OTHER INFORMATION

**Training advice:** Normal use of this product shall imply use in accordance with the instructions on the packaging.

**NFPA health hazard:** 0 - None

**NFPA fire hazard:** 0 - Non-flammable

**NFPA reactivity:** 0 - Stable

### Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.