

## Safety Data Sheet

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Revision 03.

Date Revised: 7/17/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MC Power Green HD  
Synonyms: General Process Detergent  
Product Use: Industrial/Manufacturing use only  
Manufacturer: Chautauqua Chemicals Company, Inc. Supplier: Miracleclean  
4743 Cramer Drive 4741 Cramer Drive  
PO Box 100 PO Box 100  
Ashville, NY 14710 Ashville, NY 14710  
Tel: (716) 763-4114 Tel: (716) 763-4114  
Emergency Phone: CHEMTREC (USA): 1 (800) 424-9300

### 2. HAZARD CLASSIFICATION

GHS Classification:

Health	
Skin Irritation	Category 2
Eye Irritation	Category 2A

GHS Label:



Signal Word:

WARNING

Hazard Statements

H315

Causes skin irritation.

H319

Causes serious eye irritation.

Precautionary Statements

Prevention

P264

Wash hands and other skin areas exposed to material thoroughly after handling.

P280

Wear protective gloves, eye protection, and face protection.

Response

P302 + P352

IF ON SKIN: Wash with plenty of soap or water.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321

Specific treatment: See corresponding SDS for specific handling instructions.

P332 + P313

If skin irritation occurs: Get medical advice or attention.

P337 + P313

If eye irritation persists: Get medical advice or attention.

P362

Take off contaminated clothing and wash before reuse.

Disposal

P501

Dispose of contents/container in accordance with local, regional, national, and international regulations for disposal.

### 3. COMPOSITION/INFORMATION OF INGREDIENTS

Ingredient	CAS No.	NIOSH (RTECS) No.	Percent (w/w)	Classification
Sodium Lauryl Sulfate	151-21-3	Not Applicable	< 1 %	H315, H319
Proprietary Ingredients	Not Applicable	Not Applicable	5 – 10 %	Non-Hazardous
Water	7732-18-5	ZC0110000	Balance	Non-Hazardous
<b>Composition Comments</b>	The manufacturer has claimed one or more ingredients as trade secret.			

### 4. FIRST AID MEASURES

General Advice/Information:	Move out of dangerous area. Consult a physician. Show this safety data sheet to a doctor in attendance.
Inhalation:	If breathed in, move person to fresh air. If not breathing, give artificial respiration only if breathing has stopped. Consult a physician immediately.
Skin Contact:	Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Consult a physician immediately. Wash clothing before reuse.
Eye Contact:	Immediately flush eyes with gentle but large stream of water for at least 30 minutes, lifting lower and upper eyelids occasionally. Consult a physician immediately. Do not transport victim until recommended flushing period is completed unless flushing can be continued during transport.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth and give as much water as possible to dilute material. If spontaneous vomiting occurs, have victim lean forward with head down, rinse mouth and administer more water. Consult a physician immediately.
Important Symptoms (Acute):	No further relevant information available.
Important Symptoms (Delayed):	No further relevant information available.
Indication of any Immediate Medical Care/Special Treatment:	No further relevant information available.

### 5. FIREFIGHTING MEASURES

Conditions of Flammability:	Not flammable or combustible.
Fire Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Exposure Hazards:	See Section 4 and Section 10 for information on hazards when this material is present in the area of a fire.
Protection for Firefighters:	In event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Further Information:	Product itself does not burn. Use water spray to cool unopened containers.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear appropriate personal protective equipment as specified in Section 8. Avoid mist formation. Avoid breathing vapors or mists. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental Precautions:	Do not let product enter drains.
Cleanup Methods/Materials:	Contain spilled material if possible. Dilute small spills with water. Wet mop or soak up with inert absorbent. In event of large spill, dike the area to contain spill. Collect in suitable and properly labeled containers. Neutralize spilled material if necessary.

### 7. HANDLING AND STORAGE

Handling:	Avoid breathing mists, avoid contact with eyes, skin and clothing. Do not eat, drink or smoke while handling. Ensure adequate ventilation/exhaust hoods.
Storage:	Keep container tightly closed in a dry and well-ventilated place. Follow all precautionary information on container label. Keep in original container. Do not reuse container. Empty container may contain product residue. Do not weld, cut, braze or pressurize containers.

Storage Temperature	
Keep Above:	5° C (41° F)
Keep Below:	62° C (144° F)
Shelf Life (Days):	730 Days

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with Workplace Control Parameters

This product does not contain any substances with occupational limit values.

### Personal Protective Equipment (PPE):

Skin Protection:	Handle with gloves. Recommended resistance to break-through longer than 8 hours. Butyl rubber, natural rubber, neoprene rubber, nitrile rubber, or other impervious material is appropriate. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye Protection:	Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure. Use equipment for eye protection tested under appropriate government standards such as NIOSH.
Body Protection:	Complete suit protecting against chemicals. Recommended resistance to break-through longer than 8 hours. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Prevent contact with skin. Rubber gloves should be worn at all times while handling.
Respiratory Protection:	Wear NIOSH or MSHA approved, dust/mist-type respirators, where dust or mist may be generated. Prevent inhalation of mists. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone.
Hygiene Measures:	Handle in accordance to good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form:	Clear Liquid
Color:	Colorless to Light Yellow

### Safety Data

pH:	11.7 at 25 °C (77 °F)
Melting/Freezing Point:	No Data Available
Boiling Point:	No Data Available
Boiling Range:	No Data Available
Flash Point:	No Data Available
Auto-ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Flammability:	Non-flammable
Lower Flammability Limit:	Not Applicable
Upper Flammability Limit:	Not Applicable
Vapor Pressure:	No Data Available
Vapor Density:	No Data Available
Density:	1.04 g/mL at 25 °C (77 °F)
Solubility:	Soluble
Partition Coefficient:	
n-octanol/water	No Data Available
Viscosity:	No Data Available
Odor:	Mild Odor
Odor Threshold:	No Data Available

Percent Volatile: No Data Available  
Evaporation Rate: No Data Available  
VOC Content: 0%

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable  
Possibility of Hazardous Reactions: None Known.  
Hazardous Decomposition Products: Carbon Oxides, Nitrogen Oxides and Sulfur Oxides.  
Conditions to Avoid: Exposure to incompatible materials, heat, flames, and direct sunlight.  
Incompatible Materials: Oxidizing agents, strong acids.

## 11. TOXICOLOGY INFORMATION

### Toxicity

Sodium Lauryl Sulfate LD<sub>50</sub> LC<sub>50</sub>  
No Data Available No Data Available

<u>Reproductive Effects</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>	<u>Embryotoxicity</u>	<u>Sensitization</u>	<u>Synergistic Products</u>
No Data Available	No Data Available	No Data Available	No Data Available	No Data Available	No Data Available

### Carcinogenicity

NTP: No component of this product present at levels  $\geq 0.1\%$  is identified as probable, possible or confirmed human carcinogen.

IARC: No component of this product present at levels  $\geq 0.1\%$  is identified as probable, possible or confirmed human carcinogen.

### Likely Routes of Exposure:

Eye and skin contact.

### Specific Target Organ Toxicity

#### Single Exposure:

Eye and skin contact – May cause irritation or chemical burns to exposed tissues.

#### Repeated Exposure:

Eye and skin contact – May result in permanent damage/loss of vision.

### Potential Health Effects

#### Inhalation:

Harmful if inhaled. Causes respiratory tract irritation. May result in coughing, wheezing, inflammation and edema of the bronchi, pulmonary edema.

#### Eye Contact:

Severely irritating. May cause permanent damage to tissues.

#### Skin Contact:

May be harmful if absorbed through skin. Severely irritating. Causes irritation to exposed skin areas. May cause rash or dermatitis.

#### Ingestion:

Harmful if swallowed. May result in coughing, wheezing, shortness of breath.

### Chronic Symptoms and Effects:

No other further relevant information available.

### Additional Information:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated at product concentrations.

## 12. ECOLOGICAL INFORMATION

### Toxicity

Sodium Lauryl Sulfate No Data Available

Mobility: No Data Available.

Degradability: No Data Available.

Bioaccumulation: None expected in aquatic organisms due to high water solubility.

General Notes: Damaging effects are mostly a consequence of the increase in pH. Upper pH limit tolerated by most freshwater fish is 8.4: the pH must generally be greater than 9 before the aqueous environment becomes lethal for fully developed fish. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. DISPOSAL CONSIDERATIONS

Recommendation: Do not allow to reach sewage system. Check pH of waste to be disposed. Neutralize if necessary. Care must be taken when using or disposing of

chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all federal, state, or local laws and regulations. Consult disposal expert.

Contaminated Packaging: Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

DOT (US)

Not Regulated as Dangerous Goods.

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## 15. REGULATORY INFORMATION

U.S. Toxic Substances Control Act All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Clean Air Act

Hazardous Air Pollutants: None.

Class I Substances: None.

Class II Substances: None.

Superfund Amendments and Reauthorization Act (SARA)

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

SARA 313 Components: 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.

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard

Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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## 16. OTHER INFORMATION

HMIS Rating: Health: 2 Flammability: 0 Reactivity: 0

SDS Number: 50294D

Revision Date: July 17, 2015

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