

# SAFETY DATA SHEET

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NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name Mean Green Industrial Strength Cleaner & Degreaser

### Other means of identification

Product Code(s) 1211610

### Recommended use of the chemical and restrictions on use

Recommended Use General Purpose Cleaner - Non-aerosol

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification CR Brands

Address 8790 Beckett Rd.  
West Chester  
Ohio  
45069  
United States

Telephone Phone:(513) 860-5039 Ext. 1160  
Fax:(513) 682-5420

### E-mail

### Emergency telephone number

Company Emergency Phone (513) 860-5039  
Number

## 2. HAZARDS IDENTIFICATION

### Classification



Not classified.

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Green

**Physical state** Liquid **Odor** Pleasant

**GHS Label elements, including precautionary statements**

**Hazard statements**

Not classified.

**Other information**

Causes mild skin irritation.

**Unknown acute toxicity**

5.81 % of the mixture consists of ingredient(s) of unknown toxicity

2.75 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

2.75 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

5.81 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

5.81 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

5.81 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Diethylene Glicol Monobutyl Ether</b>	CAS No. 112-34-5	approx. <1% by wt.
<b>EDTA tetra sodium salt</b>	CAS No. 64-02-8	approx. 3% by wt.
<b>Ethoxylated Alcohol</b>	CAS No. 160875-66-1	approx. 4% by wt.


**4. FIRST AID MEASURES**

**First aid measures**

**Inhalation** Remove to fresh air.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact** Wash skin with soap and water.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.



Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

Indication of any immediate medical attention and special treatment needed

**Note to physicians** 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.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes.

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

## 7. HANDLING AND STORAGE

Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.



Conditions for safe storage, including any incompatibilities

Storage Conditions

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV OSHA PEL NIOSH IDLH		
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor -		
Chemical name	Alberta British Columbia Ontario TWAEV Quebec		
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm		

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

Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

No special protective equipment required.

Skin and body protection

No special protective equipment required.

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.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid
Appearance	Green
Odor	Pleasant
Color	No information available
Odor Threshold	No information available

Remarks Method

Property Values

pH 11	
Melting / freezing point	No data available

None known



<b>Boiling point / boiling range</b>	100 °C / 212 °F	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	1.003	
<b>Water Solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	N/A	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic viscosity</b>	10	None known

### Other Information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None known based on information supplied.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	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.



<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Information on toxicological effects**

<b>Symptoms</b>	No information available.
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**Numerical measures of toxicity**

**Acute Toxicity**

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

ATEmix (dermal) 88,235.00 mg/kg

<b>Unknown acute toxicity</b>	5.81 % of the mixture consists of ingredient(s) of unknown toxicity
2.75 % of the mixture consists of ingredient(s) of unknown acute oral toxicity	
2.75 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity	
5.81 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)	
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5.81 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)	

Chemical name	Oral LD50 Dermal LD50 Inhalation LC50		
Diethylene glycol monobutyl ether	= 5660 mg/kg ( Rat ) = 2700 mg/kg ( Rabbit ) -		

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.



Chemical name	Toxicity to Algae Toxicity to Fish Toxicity to Microorganisms Daphnia Magna (Water Flea)			
Diethylene glycol monobutyl ether	96h EC50: > 100 mg/L (Desmodesmus subspicatus) 96h LC50: = 1300 mg/L (Lepomis macrochirus) - 48h EC50: > 100 mg/L 24h EC50: = 2850 mg/L			

<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	There is no data for this product.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

<b>California Waste Codes</b>	561
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### 14. TRANSPORT INFORMATION

<b>DOT</b>	NOT REGULATED
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b>IMDG/IMO</b>	Not regulated
<b>Hazard Class</b>	N/A
<b>RID</b>	Not regulated



ADR Not regulated

ADN Not regulated

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### Legend

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

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

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No. Weight-% SARA 313 - Threshold Values %		
Diethylene glycol monobutyl ether - 112-34-5	112-34-5 3.06 1.0		

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

##### **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**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey Massachusetts Pennsylvania Rhode Island Illinois				
Diethylene glycol monobutyl ether 112-34-5	X X X				

**16. OTHER INFORMATION**

**NFPA**

Health hazards 1  
Flammability 0  
Instability 0 Physical  
and Chemical  
Properties -

**HMIS**

Health hazards 1  
Flammability 0  
Physical hazards 0  
Personal Protection X

**Prepared By**

Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

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**Revision Note**

No information available

**Disclaimer**

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**End of Safety Data Sheet**

