

# SAFETY DATA SHEET

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NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name Mean Green Orange Champ

### Other means of identification

Product Code(s) 1182235

### 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 Number (513) 860-5039

## 2. HAZARDS IDENTIFICATION

### Classification



Not classified.

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

**Appearance** Orange

**Physical state** Liquid **Odor** Citrus

**GHS Label elements, including precautionary statements**

**Hazard statements**

Not classified.

**Other information**

**Unknown acute toxicity** 2.49 % of the mixture consists of ingredient(s) of unknown toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 2.49 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 2.49 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 2.49 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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


### 4. FIRST AID MEASURES

**First aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	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.

**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			

**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**                                      Orange  
**Odor**    Citrus  
**Color**    No information available  
**Odor Threshold**                                      No information available

**Property Values**

	<b><u>Remarks</u></b>	<b><u>Method</u></b>
<b>pH</b> 11		
<b>Melting / freezing point</b> No data available	None known	
<b>Boiling point / boiling range</b> 100 °C / 212 °F		
<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> 1.001		
<b>Water Solubility</b> Soluble in water		

<b>Solubility(ies)</b> No data available	None known
<b>Partition coefficient: n-octanol/water</b> not applicable	
<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	None known
<b>Dynamic viscosity</b> 3	

**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>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>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	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**

**Unknown acute toxicity** 2.49 % of the mixture consists of ingredient(s) of unknown toxicity  
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**Component Information** No information available

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**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** 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			

**Persistence and Degradability** No information available.

**Bioaccumulation** There is no data for this product.

**Mobility** No information available.

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Waste Codes** 561

### 14. TRANSPORT INFORMATION

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
**Proper Shipping Name** Not regulated  
**Hazard Class** NON REGULATED  
 N/A

**IMDG/IMO**  
**Hazard Class** Not regulated  
 N/A

**RID** 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 2.49 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 s Pennsylvania				



	<b>Rhode Island Illinois</b>				
Diethylene glycol monobutyl ether 112-34-5	X 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  
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**Revision Note**                      No information available

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**End of Safety Data Sheet**

