

# SAFETY DATA SHEET

Issuing Date No data available

Revision Date 3-DEC-2015

Revision Number 1

**CR Brands Inc,**

## 1. Identification of Product and Manufacturer

### Product identifier

Product Name: Mean Green Multi-Purpose  
Power Wash Concentrate

### Other means of identification

Synonyms None

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

Recommended Use General Purpose Cleaner - Non-aerosol

Uses advised against No information available

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

CR Brands  
8790 Beckett Rd. West Chester Ohio  
45069  
US  
Phone:(513) 860-5039  
Fax:(513) 682-5420  
Contact Phone:(513) 860-5039  
[efrasier@crbrandsinc.com](mailto:efrasier@crbrandsinc.com)

Emergency Phone: 1-800-222-1222

## **2. Hazards Classification**


### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### **GHS Label elements, including precautionary statements**

#### **Emergency Overview**

#### **Emergency Overview**

|   |                |
|---|----------------|
| <b>Signal word</b>  | <b>Warning</b> |
| <b>Hazard Statements</b><br>Causes serious eye irritation                           |                |
|  |                |

**Signal word**

**Warning**

Appearance: Green

Physical State: Liquid

Odor: Slight Glycol Ether

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Wear eye/face protection

**Precautionary Statements - Response**

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.0002% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation  
Harmful to aquatic life with long lasting effects

**Interactions with Other Chemicals**

No information available.

**3. Composition and Information on Ingredients**

| Chemical Name  | CAS No      | Weight-% | Trade Secret |
|--|-------------|----------|--------------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(4-nonylphenyl)-.omega.-<br>hydroxy-,branched | 127087-87-0 | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## **4. First Aid Measures**

### **First aid measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin Contact</b> | Wash with soap and water.   |
| <b>Inhalation</b>   | Remove to fresh air.  |
| <b>Ingestion</b>    | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.   |

### **Most important symptoms and effects, both acute and delayed**

#### **Most Important Symptoms and Effects**

Burning sensation.

### **Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**                      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.

**Uniform Fire Code**                      Irritant: Liquid

### **Hazardous Combustion Products**

Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**      No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental Release Measures**

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

**Personal Precautions**      Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other Information**      Refer to protective measures listed in Sections 7 and 8.

**Environmental Precautions**

**Environmental Precautions**      Refer to protective measures listed in Sections 7 and 8.

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

**7. Handling and Storage**

**Precautions for safe handling**

**Handling**      Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

**Conditions for safe storage, including any incompatibilities**

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

**Incompatible Products**      None known based on information supplied.

**8. Exposure Controls and Personal Protection**

**Control parameters**

**Exposure Guidelines**      This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**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 Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** None required for consumer use. If splashes are likely to occur: Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear protective gloves and protective clothing.

**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.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**9. Physical and Chemical Properties**

**Physical and Chemical Properties**

|                                      |                             |                              |                          |
|--------------------------------------|-----------------------------|------------------------------|--------------------------|
| <b>Physical State</b>                | Liquid                      |                              |                          |
| <b>Appearance</b>                    | Green                       | <b>Odor</b>                  | Slight glycol ether      |
| <b>Color</b>                         | No information available    | <b>Odor Threshold</b>        | No information available |
| <b><u>Prope</u></b>                  | <b><u>Values</u></b>        | <b><u>Remarks Method</u></b> |                          |
| <b><u>rtly pH</u></b>                | 12                          | None                         |                          |
| <b>Melting / freezing point</b>      | No data                     | known                        |                          |
| <b>Boiling point / boiling range</b> | available 100               | None                         |                          |
| <b>Flash Point</b>                   | °C / 212 °F                 | known                        |                          |
| <b>Evaporation Rate</b>              | No data                     | None                         |                          |
| <b>Flammability (solid, gas)</b>     | available No data available | known                        |                          |
|                                      | No data available           | None                         |                          |
|                                      |                             | known                        |                          |
|                                      |                             | None                         |                          |
|                                      |                             | known                        |                          |
| <b>Flammability Limit in Air</b>     |                             |                              |                          |
| <b>Upper flammability limit</b>      | No data available           |                              |                          |
| <b>Lower flammability limit</b>      | available No data available |                              |                          |

|   |                                    |            |
|---|------------------------------------|------------|
| <b>Vapor pressure</b>                         | No data available                  | None known |
| <b>Vapor density</b>                          | No data available                  | None known |
| <b>Specific Gravity</b>                       | No data available                  | None known |
| <b>Water Solubility</b>                       | Soluble in water No data available | None known |
| <b>Solubility in other solvents</b>           |                                    | None known |
| <b>Partition coefficient: n-octanol/water</b> | No data available                  | None known |
| <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>                      | 20                                 | None known |
| <b>Explosive properties</b>                   | No data available                  |            |
| <b>Oxidizing Properties</b>                   | No data available                  |            |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

**10. Stability and Reactivity Information**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## **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. May cause irritation of respiratory tract.  |
| <b>Eye Contact</b>  | Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain.   |
| <b>Skin Contact</b> | Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.   |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

#### **Component Information**

| <b>Chemical Name</b>   | <b>Oral LD50</b> | <b>Dermal LD50</b>      | <b>Inhalation LC50</b> |
|--|------------------|-------------------------|------------------------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched<br>127087-87-0 | -                | = 1780 µL/kg ( Rabbit ) | -                      |

### **Information on toxicological effects**

|                               |  |
|-------------------------------|--|
| <b>Symptoms</b>               | May cause redness and tearing of the eyes<br><u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u> |
| <b>Sensitization</b>          | No information available.  |
| <b>Mutagenic Effects</b>      | No information available.  |
| <b>Carcinogenicity</b>        | Contains no ingredient listed as a carcinogen.   |
| <b>Reproductive Toxicity</b>  | No information available.  |
| <b>STOT - single exposure</b> | No information available.  |



|                                 |  |
|---------------------------------|--|
| <b>STOT - repeated exposure</b> | No information available.                      |
| <b>Chronic Toxicity</b>         | No known effect based on information supplied. |
| <b>Target Organ Effects</b>     | Eyes.  |
| <b>Aspiration Hazard</b>        | No information available.                      |

**Numerical measures of toxicity Product Information**

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

**ATEmix (oral)**  
18,182.00 mg/kg  
**ATEmix (dermal)**  
64,533,091.00

**12. Ecological Information**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available

**Other adverse effects**

No information available.

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

#### **14. Transportation Information**

|                             |               |
|-----------------------------|---------------|
| <b><u>DOT</u></b>           | NOT REGULATED |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

|                             |               |
|-----------------------------|---------------|
| <b><u>IATA</u></b>          | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |

|                        |               |
|------------------------|---------------|
| <b><u>IMDG/IMO</u></b> | Not regulated |
| <b>Hazard Class</b>    | N/A           |

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

#### **15. Regulatory Information**

##### **International Inventories**

|      |  |
|------|--|
| TSCA | Complies   |
| DSL  | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

## 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

### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire Hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

### 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 contains the following Proposition 65 chemicals.

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

| <b>Chemical Name</b>                   | <b>New Jersey</b> | <b>Massachusetts</b> | <b>Pennsylvania</b> | <b>Rhode Island</b> | <b>Illinois</b> |
|--|-------------------|----------------------|---------------------|---------------------|-----------------|
| Ethylene glycol dibutyl ether 112-48-1 |                   |                      | X                   | X                   | X               |
| Sodium hydroxide 1310-73-2             | X                 | X                    | X                   | X                   |                 |

**International Regulations**

Canada  
WHMIS Hazard Class  
D2B - Toxic materials



**16. Other Information**

|                |   |              |   |                 |   |   |
|----------------|---|--------------|---|-----------------|---|---|
| Health Hazards | 2 | Flammability | 0 | Instability     | 0 | Physical and Chemical Hazards - Personal Protection |
| Health Hazards | 2 | Flammability | 0 | Physical Hazard | 0 | X   |

NFPA

HMIS

Prepared By CR Brands

Revision Date 3-DEC-2015  
Revision Note No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**