



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Hot Rims™ Aluminum Wheel Cleaner G143 [G14324]

#### Product Identification Numbers

ID Number	UPC	ID Number	UPC
LB-1100-2843-9			

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Aluminum Cleaner

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	Meguiar's, Inc.
<b>DIVISION:</b>	Meguiar's
<b>ADDRESS:</b>	213 Technology Dr, Irvine, CA 92618
<b>Telephone:</b>	1-800-347-5700

#### 1.4. Emergency telephone number

CHEMTREC 1-800-424-9300 (24 hours)

### SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2A.

#### 2.2. Label elements

##### Signal word

Warning

**Symbols**

Exclamation mark |

**Pictograms****Hazard Statements**

Causes serious eye irritation.

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Wear eye/face protection.

Wash thoroughly after handling.

**Response:**

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.

2% of the mixture consists of ingredients of unknown acute oral toxicity.

2% of the mixture consists of ingredients of unknown acute dermal toxicity.

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
1-PROPOXY-2-PROPANOL	1569-01-3	1 - 5 Trade Secret *
Alkoxylated Alcohols	68991-48-0	1 - 5 Trade Secret *
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	68608-26-4	1 - 5 Trade Secret *
DECYL-N,N-DIMETHYLAMINE OXIDE	2605-79-0	< 3 Trade Secret *

Any remaining components do not contribute to the hazards of this material.

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

### SECTION 4: First aid measures

**4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**If Swallowed:**

Rinse mouth. If you feel unwell, get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

#### Substance

Carbon monoxide

Carbon dioxide

Irritant Vapors or Gases

#### Condition

During Combustion

During Combustion

During Combustion

### 5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid eye contact. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

### 7.2. Conditions for safe storage including any incompatibilities

Store away from acids. Store away from oxidizing agents.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields  
Indirect Vented Goggles

##### Skin/hand protection

No chemical protective gloves are required.

##### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state  
Color

Liquid  
Clear Colorless

#### Odor

Pleasant Odor

#### Odor threshold

*No Data Available*

#### pH

7.8 - 8.8

#### Melting point

*Not Applicable*

#### Boiling Point

212 °F

#### Flash Point

Flash point > 93 °C (200 °F)

#### Evaporation rate

*No Data Available*

#### Flammability (solid, gas)

Not Applicable

#### Flammable Limits(LEL)

*Not Applicable*

#### Flammable Limits(UEL)

*Not Applicable*

#### Vapor Pressure

*No Data Available*

#### Vapor Density

*No Data Available*

Density	1 g/cm <sup>3</sup>
Specific Gravity	1 [Ref Std: WATER=1]
Solubility in Water	Complete
Solubility- non-water	No Data Available
Partition coefficient: n-octanol/ water	No Data Available
Autoignition temperature	Not Applicable
Decomposition temperature	No Data Available
Viscosity	No Data Available
Molecular weight	No Data Available
Volatile Organic Compounds	2 % weight [Test Method:calculated per CARB title 2]
Percent volatile	95.9 % weight
VOC Less H <sub>2</sub> O & Exempt Solvents	634 g/l [Test Method:calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids

Strong oxidizing agents

### 10.6. Hazardous decomposition products

#### Substance

None known.

#### Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Skin Contact:**

Contact with the skin during product use is not expected to result in significant irritation. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Alkoxylated Alcohols	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Alkoxylated Alcohols	Ingestion	Rat	LD50 > 2,000 mg/kg
DECYL-N,N-DIMETHYLAMINE OXIDE	Dermal	Rat	LD50 > 2,000 mg/kg
DECYL-N,N-DIMETHYLAMINE OXIDE	Ingestion	Rat	LD50 >300, <2000 mg/kg
1-PROPOXY-2-PROPANOL	Dermal	Rabbit	LD50 2,805 mg/kg
1-PROPOXY-2-PROPANOL	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 11.8 mg/l
1-PROPOXY-2-PROPANOL	Ingestion	Rat	LD50 2,500 mg/kg
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Inhalation-Vapor	Professional judgement	LC50 estimated to be > 50 mg/l
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Dermal	similar compounds	LD50 > 5,000 mg/kg
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Inhalation-Dust/Mist (4 hours)	similar compounds	LC50 > 1.9 mg/l
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Ingestion	similar compounds	LD50 > 5,000 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Alkoxylated Alcohols	Not available	No significant irritation
DECYL-N,N-DIMETHYLAMINE OXIDE	Rabbit	No significant irritation
1-PROPOXY-2-PROPANOL	Rabbit	Minimal irritation
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	similar compounds	Minimal irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
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Alkoxylated Alcohols	Not available	Moderate irritant
DECYL-N,N-DIMETHYLAMINE OXIDE	In vitro data	Corrosive
1-PROPOXY-2-PROPANOL	Rabbit	Severe irritant
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Rabbit	Moderate irritant

### Skin Sensitization

Name	Species	Value
Alkoxylated Alcohols	Guinea pig	Not classified
DECYL-N,N-DIMETHYLAMINE OXIDE	Guinea pig	Not classified
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	similar compounds	Some positive data exist, but the data are not sufficient for classification

### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

Name	Route	Value
DECYL-N,N-DIMETHYLAMINE OXIDE	In Vitro	Not mutagenic
1-PROPOXY-2-PROPANOL	In Vitro	Not mutagenic
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	In Vitro	Not mutagenic

### Carcinogenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
1-PROPOXY-2-PROPANOL	Inhalation	Not classified for development	Rat	NOAEL 3.6 mg/l	during organogenesis

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Alkoxylated Alcohols	Ingestion	central nervous system depression	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL NA	
DECYL-N,N-DIMETHYLAMINE OXIDE	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
1-PROPOXY-2-PROPANOL	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	LOAEL 10.8 mg/l	6 hours
1-PROPOXY-2-PROPANOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
1-PROPOXY-2-PROPANOL	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Rat	LOAEL 1,770 mg/kg	not applicable

#### Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
DECYL-N,N-DIMETHYLAMINE OXIDE	Dermal	skin	Not classified	Mouse	NOAEL 1.33 mg/application	91 days
DECYL-N,N-DIMETHYLAMINE OXIDE	Ingestion	eyes	Some positive data exist, but the data are not sufficient for classification	similar compounds	NOAEL 88 mg/kg/day	90 days
DECYL-N,N-DIMETHYLAMINE OXIDE	Ingestion	gastrointestinal tract   hematopoietic system   liver   immune system   kidney and/or bladder	Not classified	Rat	NOAEL 300 mg/kg/day	14 days
1-PROPOXY-2-PROPANOL	Inhalation	liver   kidney and/or bladder	Not classified	Rat	NOAEL 9.5 mg/l	11 days

### Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## SECTION 12: Ecological information

### Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

## SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact manufacturer for more information

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards



Not applicable

**Health Hazards**

Serious eye damage or eye irritation

**15.2. State Regulations**

Contact manufacturer for more information

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact manufacturer for more information

**15.4. International Regulations**

Contact manufacturer for more information

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

**SECTION 16: Other information**

**NFPA Hazard Classification**

**Health: 2 Flammability: 1 Instability: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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