



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

MANUFACTURER:

Meguiar's, Inc.

DIVISION:

Meguiar's

ADDRESS:

213 Technology Dr, Irvine, CA 92618

Telephone:

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

Liquid

Color

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/cm³

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 H2O & 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

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

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 |
|---|---------------|-------------------|
| 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 | Ingestion | gastrointestinal tract hematopoietic | Not classified | Rat | NOAEL 300 mg/kg/day | 14 days |

| | | | | | | |
|--------------------------|------------|---|----------------|-----|-------------------|---------|
| OXIDE | | system liver immune system kidney and/or bladder | | | | |
| 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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