



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

Deep Cleaning Clay Lubricant DRTU2002 [DRTU200232]

1.2. Recommended use and restrictions on use

Recommended use

Automotive, Deep Cleaning Clay Lubricant

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

2.1. Hazard classification

Acute Toxicity (oral): Category 4.
Serious Eye Damage/Irritation: Category 2A.
Skin Sensitizer: Category 1B.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark |

Pictograms



Hazard Statements

Harmful if swallowed.
 Causes serious eye irritation.
 May cause an allergic skin reaction.

Precautionary Statements

General:

Keep out of reach of children.

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wear protective gloves and eye/face protection.
 Do not eat, drink or smoke when using this product.
 Wash thoroughly after handling.
 Contaminated work clothing must not be allowed out of the workplace.

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.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.
 Rinse mouth.
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal:

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

3% of the mixture consists of ingredients of unknown acute oral toxicity.
 3% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|--------------------------------------|------------|-------------------------|
| Water | 7732-18-5 | 80 - 100 Trade Secret * |
| SODIUM MERCAPTOACETATE | 367-51-1 | 5 - 10 Trade Secret * |
| Alkoxylated Alcohols | 68439-46-3 | 1 - 5 Trade Secret * |
| Phenyl Sulfonate Salt | 1300-72-7 | 1 - 5 Trade Secret * |
| ALCOHOL ETHOXYLSULFATE (SODIUM SALT) | 68585-34-2 | < 3 Trade Secret * |

*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:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. 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

Material will not burn.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

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. 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

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. 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

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|----------------------------------|------------|--------|------------|-------------------------|
| THIOGLYCOLLIC ACID AND ITS SALTS | 367-51-1 | ACGIH | TWA:1 ppm | SKIN; Dermal sensitizer |

ACGIH : American Conference of Governmental Industrial Hygienists
 AIHA : American Industrial Hygiene Association
 CMRG : Chemical Manufacturer's Recommended Guidelines
 OSHA : United States Department of Labor - Occupational Safety and Health Administration
 TWA: Time-Weighted-Average
 STEL: Short Term Exposure Limit
 CEIL: Ceiling

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:

- Full Face Shield
- Indirect Vented Goggles

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

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 | Transparent Colorless |
| | |
| Odor | Citrus |
| Odor threshold | No Data Available |
| pH | 6 |
| Melting point | No Data Available |
| Boiling Point | 212 °F [Test Method:Estimated] |
| Flash Point | 200 °F [Test Method:SETAFLASH] |
| Evaporation rate | No Data Available |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | No Data Available |
| Flammable Limits(UEL) | No Data Available |
| Vapor Pressure | No Data Available |
| | |
| Vapor Density | No Data Available |
| | |
| Density | 1.02 g/cm ³ [Ref Std:WATER=1] |
| Specific Gravity | 1.02 [Ref Std:WATER=1] |
| Solubility In Water | No Data Available |
| | |
| Solubility- non-water | No Data Available |
| | |
| Partition coefficient: n-octanol/ water | No Data Available |
| Autoignition temperature | No Data Available |
| Decomposition temperature | No Data Available |
| Viscosity | 20 - 80 centipoise |
| Average particle size | No Data Available |
| Bulk density | No Data Available |
| Hazardous Air Pollutants | No Data Available |
| Molecular weight | No Data Available |
| Volatile Organic Compounds | 0.2 % weight [Test Method:calculated per CARB title 2] |
| Percent volatile | 90 % weight [Test Method:Estimated] |
| Softening point | No Data Available |
| VOC Less H₂O & Exempt Solvents | 357.5 g/l [Test Method:calculated SCAQMD rule 443.1] |

* The values noted with an asterisk (*) in the above table are representative values based on testing of raw materials and selected products. Additionally, a material's characteristics may change depending upon the process and conditions of use at a facility, including further changes in particle size, or mixture with other materials. In order to obtain specific data for the material, we recommend the user conduct characterization testing based on the use factors at the specific facility.

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Not determined

10.5. Incompatible materials

Strong acids

Strong oxidizing agents

10.6. Hazardous decomposition products

Substance

Condition

None known.

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:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): 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:

Harmful if swallowed. 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 >300 - =2,000 mg/kg |
| SODIUM MERCAPTOACETATE | Dermal | Rat | LD50 >1000, <2000 mg/kg |

| | | | |
|-------------------------------------|--------------------------------|-------------------|----------------------|
| SODIUM MERCAPTOACETATE | Ingestion | Rat | LD50 >50, <200 mg/kg |
| Alkoxyated Alcohols | Dermal | similar compounds | LD50 > 2,000 mg/kg |
| Alkoxyated Alcohols | Inhalation-Dust/Mist (4 hours) | similar compounds | LC50 > 1.6 mg/l |
| Alkoxyated Alcohols | Ingestion | similar compounds | LD50 3,488 mg/kg |
| Phenyl Sulfonate Salt | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Phenyl Sulfonate Salt | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 6.4 mg/l |
| Phenyl Sulfonate Salt | Ingestion | Rat | LD50 7,200 mg/kg |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Dermal | Rat | LD50 > 2,000 mg/kg |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Ingestion | Rat | LD50 2,870 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-------------------------------------|-------------------|--------------------|
| SODIUM MERCAPTOACETATE | Rabbit | Minimal irritation |
| Alkoxyated Alcohols | similar compounds | Minimal irritation |
| Phenyl Sulfonate Salt | Rabbit | Minimal irritation |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Rabbit | Irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------------------------------|------------------------|-------------------|
| SODIUM MERCAPTOACETATE | Rabbit | Mild irritant |
| Alkoxyated Alcohols | Professional judgement | Moderate irritant |
| Phenyl Sulfonate Salt | Rabbit | Moderate irritant |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Rabbit | Corrosive |

Skin Sensitization

| Name | Species | Value |
|-------------------------------------|------------|----------------|
| SODIUM MERCAPTOACETATE | Mouse | Sensitizing |
| Alkoxyated Alcohols | Guinea pig | Not classified |
| Phenyl Sulfonate Salt | Guinea pig | Not classified |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Guinea pig | Not classified |

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 |
|-------------------------------------|----------|---------------|
| Alkoxyated Alcohols | In Vitro | Not mutagenic |
| Phenyl Sulfonate Salt | In Vitro | Not mutagenic |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | In Vitro | Not mutagenic |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|-----------------------|--------|-------------------------|------------------|
| Phenyl Sulfonate Salt | Dermal | Multiple animal species | Not carcinogenic |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-------------------------------------|-----------|--|---------|-----------------------|-------------------|
| Alkoxylated Alcohols | Dermal | Not classified for female reproduction | Rat | NOAEL 250 mg/kg/day | 2 generation |
| Alkoxylated Alcohols | Dermal | Not classified for development | Rat | NOAEL 250 mg/kg/day | 2 generation |
| Alkoxylated Alcohols | Dermal | Not classified for male reproduction | Rat | NOAEL 100 mg/kg/day | 2 generation |
| Phenyl Sulfonate Salt | Ingestion | Not classified for development | Rabbit | NOAEL 1,000 mg/kg/day | during gestation |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Ingestion | Not classified for female reproduction | Rat | NOAEL 300 mg/kg/day | 2 generation |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Ingestion | Not classified for male reproduction | Rat | NOAEL 300 mg/kg/day | 2 generation |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Ingestion | Not classified for development | Rat | NOAEL 300 mg/kg/day | 2 generation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-------------------------------------|------------|------------------------|--|------------------------|---------------------|-------------------|
| Alkoxylated Alcohols | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| Phenyl Sulfonate Salt | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-------------------------------------|-----------|---|----------------|---------|---------------------|-------------------|
| Alkoxylated Alcohols | Dermal | kidney and/or bladder heart hematopoietic system liver nervous system respiratory system | Not classified | Rat | NOAEL 125 mg/kg/day | 13 weeks |
| Phenyl Sulfonate Salt | Dermal | liver heart skin endocrine system gastrointestinal tract bone, teeth, nails, and/or hair hematopoietic system immune system nervous system kidney and/or bladder respiratory system | Not classified | Rat | NOAEL 500 mg/kg/day | 14 weeks |
| Phenyl Sulfonate Salt | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 763 mg/kg/day | 90 days |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Dermal | skin heart endocrine system gastrointestinal tract | Not classified | Mouse | NOAEL 6.91 mg/day | 90 days |

| | | | | | | |
|-------------------------------------|-----------|---|----------------|-----|---------------------|---------|
| | | hematopoietic system liver immune system nervous system eyes kidney and/or bladder respiratory system vascular system | | | | |
| ALCOHOL ETHOXYSULFATE (SODIUM SALT) | Ingestion | blood eyes | Not classified | Rat | NOAEL 225 mg/kg/day | 90 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 |
| Acute toxicity |

Respiratory or Skin Sensitization
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: 0 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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