



Safety Data Sheet

Copyright, 2018 Meguiar's, Inc.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing Meguiar's, Inc. products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from Meguiar's, Inc., and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

| | | | |
|------------------------|-----------|-------------------------|----------|
| Document Group: | 39-0765-6 | Version Number: | 1.04 |
| Issue Date: | 12/14/18 | Supersedes Date: | 12/11/18 |

SECTION 1: Identification

1.1. Product identifier

D180, Cleaner & Conditioner - Leather/Vinyl/Plastic (31-17C) (Experimental)

1.2. Recommended use and restrictions on use

Recommended use

Automotive

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | Meguiar's, Inc. |
| DIVISION: | Meguiar's |
| ADDRESS: | 17991 Mitchell South, Irvine, CA 92614, USA |
| Telephone: | 949-752-8000 (Fax: 949-752-5784) |

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

Reproductive Toxicity: Category 2.

2.2. Label elements

Signal word

Warning

Symbols

Health Hazard |

Pictograms**Hazard Statements**

Suspected of damaging fertility or the unborn child.

Precautionary Statements**General:**

Keep out of reach of children.

Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Response:

IF exposed or concerned: Get medical advice/attention.

Storage:

Store locked up.

Disposal:

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

1% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|------------------------|---------------|------------------------|
| Water | 7732-18-5 | 60 - 80 Trade Secret * |
| Poly(dimethylsiloxane) | 63148-62-9 | 10 - 30 Trade Secret * |
| Petroleum Distillates | 8042-47-5 | 3 - 7 Trade Secret * |
| Glyceryl Ester | Trade Secret* | 1 - 5 Trade Secret * |
| 2-AMINOISOBUTANOL | 124-68-5 | < 0.2 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 are concerned, get medical advice.

Skin Contact:

Wash with soap and water. If you are concerned, get medical advice.

Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, 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

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**

Formaldehyde
Carbon monoxide
Carbon dioxide
Irritant Vapors or Gases

Condition

During Combustion
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**

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store away from heat. 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 |
|-----------------------------------|------------|--------|---------------------------------|--------------------------------|
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m3 | A4: Not class. as human carcin |
| Paraffin oil | 8042-47-5 | OSHA | TWA(as mist):5 mg/m3 | |

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**

No engineering controls required.

8.2.2. Personal protective equipment (PPE)**Eye/face protection**

Eye protection not required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|----------------------------------|------------------------------------|
| General Physical Form: | Liquid |
| Odor, Color, Grade: | Sweet, pleasant odor; White liquid |
| Odor threshold | <i>No Data Available</i> |
| pH | 8.2 - 9.2 |
| Melting point | <i>Not Applicable</i> |
| Boiling Point | 212 °F |
| Flash Point | Flash point > 93 °C (200 °F) |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | <i>Not Applicable</i> |
| Flammable Limits(UEL) | <i>Not Applicable</i> |
| Vapor Pressure | <i>No Data Available</i> |

| | |
|---|--|
| Vapor Pressure | <i>No Data Available</i> |
| Vapor Density | <i>No Data Available</i> |
| Density | 0.96 - 0.99 g/cm ³ [Ref Std: WATER=1] |
| Specific Gravity | 0.96 - 0.99 [Ref Std: WATER=1] |
| Solubility in Water | Complete |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>Not Applicable</i> |
| Autoignition temperature | <i>Not Applicable</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Viscosity | 9,000 centipoise - 20,000 centipoise |
| Molecular weight | <i>No Data Available</i> |

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

Heat

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:

No known health effects.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

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

May cause additional health effects (see below).

Additional Health Effects:**Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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 | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Poly(dimethylsiloxane) | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Poly(dimethylsiloxane) | Ingestion | Rat | LD50 > 17,000 mg/kg |
| Petroleum Distillates | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Petroleum Distillates | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 2-AMINOISOBUTANOL | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 2-AMINOISOBUTANOL | Ingestion | Rat | LD50 2,900 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|------------------------|---------|---------------------------|
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |
| Petroleum Distillates | Rabbit | No significant irritation |
| 2-AMINOISOBUTANOL | Rabbit | Irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|------------------------|---------|---------------------------|
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |
| Petroleum Distillates | Rabbit | Mild irritant |
| 2-AMINOISOBUTANOL | Rabbit | Corrosive |

Skin Sensitization

| Name | Species | Value |
|-----------------------|------------|----------------|
| Petroleum Distillates | Guinea pig | Not classified |
| 2-AMINOISOBUTANOL | 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 |
|-----------------------|----------|---------------|
| Petroleum Distillates | In Vitro | Not mutagenic |
| 2-AMINOISOBUTANOL | In Vitro | Not mutagenic |
| 2-AMINOISOBUTANOL | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|-----------------------|------------|-------------------------|------------------|
| Petroleum Distillates | Dermal | Mouse | Not carcinogenic |
| Petroleum Distillates | Inhalation | Multiple animal species | Not carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-----------------------|-----------|--|---------|-----------------------|----------------------------|
| Petroleum Distillates | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| Petroleum Distillates | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| Petroleum Distillates | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| 2-AMINOISOBUTANOL | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | prematuring into lactation |
| 2-AMINOISOBUTANOL | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 37 days |
| 2-AMINOISOBUTANOL | Dermal | Not classified for development | Rat | NOAEL 300 mg/kg/day | during gestation |
| 2-AMINOISOBUTANOL | Ingestion | Toxic to development | Rat | NOAEL 100 mg/kg/day | prematuring into lactation |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-------------------|------------|------------------------|--|---------|---------------------|-------------------|
| 2-AMINOISOBUTANOL | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------|-----------|--------------------------------------|--|---------|-----------------------|-------------------|
| Petroleum Distillates | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| Petroleum Distillates | Ingestion | liver immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| 2-AMINOISOBUTANOL | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 23 mg/kg/day | 90 days |
| 2-AMINOISOBUTANOL | Ingestion | blood eyes kidney and/or bladder | Not classified | Dog | NOAEL 2.8 mg/kg/day | 1 years |

Aspiration Hazard

| Name | Value |
|-----------------------|-------------------|
| Petroleum Distillates | Aspiration hazard |

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. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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**Ground Transport (DOTG):**

UN Number: Not applicable

Proper Shipping Name: Not applicable

Technical Name: Not applicable

Hazard Class/Division: Not applicable

Subsidiary Risk: Not applicable

Packing Group: Not applicable

Limited Quantity: Not applicable

Marine Pollutant: Not applicable

Marine Pollutant Technical Name: Not applicable

Other Dangerous Goods Descriptions:

Not applicable

Marine Transport (IMDG):

UN Number: Not applicable

Proper Shipping Name: Not applicable

Technical Name: Not applicable

Hazard Class/Division: Not applicable

Subsidiary Risk: Not applicable

Packing Group: Not applicable

Limited Quantity: Not applicable

Marine Pollutant: Not applicable

Marine Pollutant Technical Name: Not applicable

Other Dangerous Goods Descriptions:

Not applicable

Air Transport (IATA):**UN Number:** Not applicable**Proper Shipping Name:** Not applicable**Technical Name:** Not applicable**Hazard Class/Division:** Not applicable**Subsidiary Risk:** Not applicable**Packing Group:** Not applicable**Limited Quantity:** Not applicable**Marine Pollutant:** Not applicable**Marine Pollutant Technical Name:** Not applicable**Other Dangerous Goods Descriptions:**

Not applicable

Marine Transport (DOTW):**UN Number:** Not applicable**Proper Shipping Name:** Not applicable**Technical Name:** Not applicable**Hazard Class/Division:** Not applicable**Subsidiary Risk:** Not applicable**Packing Group:** Not applicable**Limited Quantity:** Not applicable**Marine Pollutant:** Not applicable**Marine Pollutant Technical Name:** Not applicable**Other Dangerous Goods Descriptions:**

Not applicable

Please contact the emergency numbers listed on the first page of the SDS for Transportation Information for this material.

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

Reproductive toxicity

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.

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:** 0 **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.

| | | | |
|------------------------|-----------|-------------------------|----------|
| Document Group: | 39-0765-6 | Version Number: | 1.04 |
| Issue Date: | 12/14/18 | Supersedes Date: | 12/11/18 |

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. Meguiar's, Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Meguiar's, Inc. product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Meguiar's, Inc. product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Meguiar's, Inc. product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Meguiar's, Inc. provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Meguiar's, Inc. makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from Meguiar's, Inc.