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: 26-8367-0
Issue Date: 08/05/19
Version Number: 5.02
Supercedes Date: 01/18/18

SECTION 1: Identification

1.1. Product identifier
D120, Glass Cleaner Concentrate (22-134A): D12001, D12005, D12025

Product Identification Numbers
LB-1100-1059-8, 14-1000-0201-4, 14-1000-0202-2
7000043816, 7100178558

1.2. Recommended use and restrictions on use

Recommended use
Automotive, Glass cleaner

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
Flammable Liquid: Category 3.
Serious Eye Damage/Irritation: Category 2A.
Skin Corrosion/Irritation: Category 2.
Specific Target Organ Toxicity (single exposure): Category 3.
2.2. Label elements

Signal word
Warning

Symbols
Flame | Exclamation mark |

Pictograms

Hazard Statements
Flammable liquid and vapor.
Causes serious eye irritation.
Causes skin irritation.
May cause drowsiness or dizziness.

Precautionary Statements

General:
Keep out of reach of children.

Prevention:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting equipment.
Avoid breathing vapor or spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye/face protection.
Wash thoroughly after handling.

Response:
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
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 skin irritation occurs: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Storage:
Store in a well-ventilated place. Keep cool.
Keep container tightly closed.
Store locked up.

Disposal:
Dispose of contents/container in accordance with applicable local/regional/national/international regulations.
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>40 - 70</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

*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
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 flammable liquids such as dry chemical or carbon dioxide to extinguish.

5.2. Special hazards arising from the substance or mixture
Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Irritant Vapors or Gases</td>
<td>During Combustion</td>
</tr>
</tbody>
</table>

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. 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. 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. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR - AFFF type foam is recommended. 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 using non-sparking tools. Place in a metal 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. 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, chronic acid etc.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

7.2. Conditions for safe storage including any incompatibilities

**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.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Agency</th>
<th>Limit type</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>ACGIH</td>
<td>TWA:20 ppm</td>
<td>A3: Confirmed animal carcin.</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>OSHA</td>
<td>TWA:240 mg/m3(50 ppm)</td>
<td>SKIN</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>ACGIH</td>
<td>TWA:200 ppm; STEL:400 ppm</td>
<td>A4: Not class. as human carcin</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>OSHA</td>
<td>TWA:980 mg/m3(400 ppm)</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH : American Conference of Governmental Industrial Hygienists
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. Use explosion-proof ventilation 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:
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: Butyl Rubber Fluoroelastomer 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

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physical Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor, Color, Grade</td>
<td>Mild ammonia odor; blue liquid</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No Data Available</td>
</tr>
<tr>
<td>pH</td>
<td>7.2 - 7.8</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>180 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>85 °F [Test Method: Pensky-Martens Closed Cup]</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>2</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits (LEL)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flammable Limits (UEL)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>
Vapor Density: No Data Available
Density: 0.96 g/cm³
Specific Gravity: 0.96 [Ref Std: WATER=1]
Solubility in Water: Complete
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: No Data Available
Molecular weight: No Data Available
Volatile Organic Compounds: 32.4 % weight
Percent volatile: 99.8 % weight [Test Method: Estimated]
VOC Less H2O & Exempt Solvents: No Data Available

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
Sparks and/or flames
Heat

10.5. Incompatible materials
Strong oxidizing agents

10.6. Hazardous decomposition products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
<td>None known.</td>
</tr>
</tbody>
</table>

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.

May cause additional health effects (see below).

**Skin Contact:**
Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

**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.

May cause additional health effects (see below).

**Additional Health Effects:**

**Single exposure may cause target organ effects:**
Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

**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

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor(4 hr)</td>
<td>No data available; calculated ATE &gt;50 mg/l</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 12,870 mg/kg</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation-Vapor (4 hours)</td>
<td>Rat</td>
<td>LC50 72.6 mg/l</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 4,710 mg/kg</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Dermal</td>
<td>Guinea pig</td>
<td>LD50 &gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation-Vapor (4 hours)</td>
<td>Guinea pig</td>
<td>LC50 &gt; 2.6 mg/l</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Ingestion</td>
<td>Guinea pig</td>
<td>LD50 1,414 mg/kg</td>
</tr>
</tbody>
</table>

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Multiple animal species</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Rabbit</td>
<td>Irritant</td>
</tr>
</tbody>
</table>

### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Rabbit</td>
<td>Severe irritant</td>
</tr>
</tbody>
</table>
### Skin Sensitization

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

### Respiratory Sensitization

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

### Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>Rat</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>Multiple animal species</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Reproductive Toxicity

### Reproductive and/or Developmental Effects

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 400 mg/kg/day</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>LOAEL 9 mg/l</td>
<td>during gestation</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Dermal</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 1,760 mg/kg/day</td>
<td>during gestation</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 100 mg/kg/day</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Multiple animal species</td>
<td>NOAEL 0.48 mg/l</td>
<td>during organogenesis</td>
</tr>
</tbody>
</table>

### Target Organ(s)

### Specific Target Organ Toxicity - single exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>auditory system</td>
<td>Not classified</td>
<td>Guinea pig</td>
<td>NOAEL 13.4 mg/l</td>
<td>24 hours</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Ingestion</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td>poisoning and/or abuse</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Dermal</td>
<td>endocrine system</td>
<td>Not classified</td>
<td>Rabbit</td>
<td>NOAEL 902 mg/kg</td>
<td>6 hours</td>
</tr>
</tbody>
</table>
2-Butoxyethanol  Dermal  liver  Not classified  Rabbit  LOAEL 72 mg/kg  not available
2-Butoxyethanol  Dermal  kidney and/or bladder  Not classified  Rabbit  LOAEL 451 mg/kg  6 hours
2-Butoxyethanol  Dermal  blood  Not classified  Multiple animal species  NOAEL Not available
2-Butoxyethanol  Inhalation  central nervous system depression  May cause drowsiness or dizziness  Human  NOAEL Not available
2-Butoxyethanol  Inhalation  respiratory irritation  Some positive data exist, but the data are not sufficient for classification  Human  NOAEL Not available
2-Butoxyethanol  Inhalation  blood  Not classified  Multiple animal species  NOAEL Not available
2-Butoxyethanol  Ingestion  central nervous system depression  May cause drowsiness or dizziness  Professio nal judgement  NOAEL Not available
2-Butoxyethanol  Ingestion  kidney and/or bladder  Not classified  Multiple animal species  NOAEL Not available
2-Butoxyethanol  Ingestion  blood  Not classified  Multiple animal species  NOAEL Not available
2-Butoxyethanol  Ingestion  kidney and/or bladder  Not classified  Human  NOAEL Not available  poisoning and/or abuse

**Specific Target Organ Toxicity - repeated exposure**

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 12.3 mg/l</td>
<td>24 months</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Inhalation</td>
<td>nervous system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 12 mg/l</td>
<td>13 weeks</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>Ingestion</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 400 mg/kg/day</td>
<td>12 weeks</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Dermal</td>
<td>blood</td>
<td>Not classified</td>
<td>Multiple animal species</td>
<td>NOAEL Not available</td>
<td>not available</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Dermal</td>
<td>endocrine system</td>
<td>Not classified</td>
<td>Rabbit</td>
<td>NOAEL 150 mg/kg/day</td>
<td>90 days</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>liver</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 2.4 mg/l</td>
<td>14 weeks</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 0.15 mg/l</td>
<td>14 weeks</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>blood</td>
<td>Not classified</td>
<td>Rat</td>
<td>LOAEL 0.15 mg/l</td>
<td>6 months</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Inhalation</td>
<td>endocrine system</td>
<td>Not classified</td>
<td>Dog</td>
<td>LOAEL 1.9 mg/l</td>
<td>8 days</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Ingestion</td>
<td>blood</td>
<td>Not classified</td>
<td>Rat</td>
<td>LOAEL 69 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Ingestion</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Multiple animal species</td>
<td>NOAEL Not available</td>
<td>not available</td>
</tr>
</tbody>
</table>

**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.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal 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

DOTG:
1 Gallon: LIMITED QUANTITY

DOTW:
1 Gallon: UN1987, ALCOHOLS, N.O.S., (2-BUTOXYETHANOL, ISOPROPY ALCOHOL), 3, III, LIMITED QUANTITY +029

IATA:
1 Gallon: UN1987, ALCOHOLS, N.O.S., (2-BUTOXYETHANOL, ISOPROPY ALCOHOL), 3, III
5/55 Gallon: Package size exceeds IATA quantity limitations

IMO:
1 Gallon: UN1987, ALCOHOLS, N.O.S., (2-BUTOXYETHANOL, ISOPROPY ALCOHOL), 3, III LIMITED QUANTITY +029

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
Flammable (gases, aerosols, liquids, or solids)

Health Hazards
Serious eye damage or eye irritation
Skin Corrosion or Irritation
Specific target organ toxicity (single or repeated exposure)
Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol (GLYCOL ETHERS)</td>
<td>111-76-2</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

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: 2  Flammability: 3  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.

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.

Meguiar’s, Inc. USA SDSs are available at www.Meguiars.com