Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier
3M™ TroubleShooter™ Liquid Finish Remover

Product Identification Numbers
70-0710-6596-8
7010303542

1.2. Recommended use and restrictions on use

Recommended use
Removes soil and finish buildup. For use on baseboards, floor edges, corners, stairways and ceramic tile., Hard Surface Cleaner

1.3. Supplier's details
MANUFACTURER: 3M
DIVISION: Commercial Solutions Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification
Skin Corrosion/Irritation: Category 2.

2.2. Label elements
Signal word
Warning

Symbols
Exclamation mark |

Pictograms
Hazard Statements
Causes skin irritation.

Precautionary Statements
General:
Keep out of reach of children.

Prevention:
Wear protective gloves.
Wash thoroughly after handling.

Response:
If ON SKIN:  Wash with plenty of soap and water.
If skin irritation occurs:  Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

4% of the mixture consists of ingredients of unknown acute dermal toxicity.
4% of the mixture consists of ingredients of unknown acute inhalation toxicity.

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>60 -  90 Trade Secret *</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>141-43-5</td>
<td>5 -  10 Trade Secret *</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>100-51-6</td>
<td>1 -  5 Trade Secret *</td>
</tr>
<tr>
<td>LAURYL DIMETHYLAMINEOXIDE</td>
<td>1643-20-5</td>
<td>1 -  5 Trade Secret *</td>
</tr>
<tr>
<td>2-(2-ETHYLHEXYLOXY)ETHANOL</td>
<td>1559-35-9</td>
<td>0.5 -  0.6 Trade Secret *</td>
</tr>
<tr>
<td>Surfactant Package</td>
<td>Trade Secret*</td>
<td>0.1 -  0.3 Trade Secret *</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>70693-62-8</td>
<td>* 0.01 -  0.05 Trade Secret</td>
</tr>
<tr>
<td>C.I. ACID YELLOW 36</td>
<td>587-98-4</td>
<td>0.0001 -  0.05 Trade Secret</td>
</tr>
<tr>
<td>C.I. DIRECT BLUE 86</td>
<td>1330-38-7</td>
<td>0.0001 -  0.05 Trade Secret</td>
</tr>
<tr>
<td>CI ACID YELLOW 17</td>
<td>6359-98-4</td>
<td>0.0001 -  0.05 Trade Secret</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:  
Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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  
Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture  
None inherent in this product.

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>
</tbody>
</table>

5.3. Special protective actions for fire-fighters  
No special protective actions for fire-fighters are anticipated.

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. 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.)

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.

<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>BENZYL ALCOHOL</td>
<td>100-51-6</td>
<td>AIHA</td>
<td>TWA:44.2 mg/m3(10 ppm)</td>
<td></td>
</tr>
<tr>
<td>COPPER COMPOUNDS</td>
<td>1330-38-7</td>
<td>ACGIH</td>
<td>TWA(as Cu dust or mist):1 mg/m3; TWA(as Cu, fume):0.2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>141-43-5</td>
<td>ACGIH</td>
<td>TWA:3 ppm; STEL:6 ppm</td>
<td></td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>141-43-5</td>
<td>OSHA</td>
<td>TWA:6 mg/m3(3 ppm)</td>
<td></td>
</tr>
</tbody>
</table>

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:
Safety Glasses with side shields

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.
Gloves made from the following material(s) are recommended: Neoprene
Nitrile Rubber
Natural Rubber

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>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Light Green</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Amine</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No Data Available</td>
</tr>
<tr>
<td>pH</td>
<td>10.6 - 12.6</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt; 212 ºF</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No flash point</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Data Available</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>
<tr>
<td>Vapor Density</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Density</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.963 - 1.003 [Ref Std: WATER=1]</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Solubility- non-water</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/ water</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 350 centipoise [Test Method: Brookfield][Details: at 60 rpm]</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>6 - 15 % weight [Test Method: calculated per CARB title 2]</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>60 - 100 %</td>
</tr>
<tr>
<td>VOC Less H2O &amp; Exempt Solvents</td>
<td>600 - 650 g/l [Test Method: calculated per CARB title 2]</td>
</tr>
</tbody>
</table>

**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

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

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

**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.

### 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>Dermal</td>
<td></td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
</tr>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor (4 hr)</td>
<td></td>
<td>No data available; calculated ATE &gt;50 mg/l</td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td></td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Inhalation-Vapor</td>
<td>official classification</td>
<td>LC50 estimated to be 10 - 20 mg/l</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 1,000 mg/kg</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 1,720 mg/kg</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Inhalation-Dust/Mist (4 hours)</td>
<td>Rat</td>
<td>LC50 8.8 mg/l</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 1,230 mg/kg</td>
</tr>
<tr>
<td>LAURYLDIMETHYLAMINE OXIDE</td>
<td>Ingestion</td>
<td>Mouse</td>
<td>LD50 2,700 mg/kg</td>
</tr>
<tr>
<td>LAURYLDIMETHYLAMINE OXIDE</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 3,536 mg/kg</td>
</tr>
<tr>
<td>2-(2-ETHYLHEXYLOXY)ETHANOL</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 2,120 mg/kg</td>
</tr>
<tr>
<td>2-(2-ETHYLHEXYLOXY)ETHANOL</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 3,080 mg/kg</td>
</tr>
</tbody>
</table>
### Acute Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>Dermal</td>
<td>Rat</td>
<td>LD50 &gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>Inhalation-Dust/Mist (4 hours)</td>
<td>Rat</td>
<td>LC50 &gt; 5 mg/l</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 500 mg/kg</td>
</tr>
</tbody>
</table>

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Substance</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Professio nal judgement</td>
<td>Irritant</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Multiple animal species</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Substance</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>In vitro data</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Rabbit</td>
<td>Severe irritant</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>Rabbit</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### Skin Sensitization

<table>
<thead>
<tr>
<th>Substance</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOLAMINE</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Human and animal</td>
<td>Not classified</td>
</tr>
<tr>
<td>LAURYLDIMETHYLAMINE OXIDE</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</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>Substance</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOLAMINE</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE SULFATE</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>Substance</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>Multiple animal species</td>
<td>Not carcinogenic</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>ETHANOLAMINE</td>
<td>Dermal</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 225 mg/kg/day</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 616 mg/kg/day</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Mouse</td>
<td>NOAEL 550 mg/kg/day</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE</td>
<td>Ingestion</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 750 mg/kg/day</td>
<td>during gestation</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>ETHANOLAMINE</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>May cause respiratory irritation</td>
<td>Human and animal</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>NOAEL Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 0.0431 mg/l</td>
<td>14 days</td>
</tr>
</tbody>
</table>

### 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>ETHANOLAMINE</td>
<td>Inhalation</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
<td>Not classified</td>
<td>Multiple animal species</td>
</tr>
<tr>
<td>ETHANOLAMINE</td>
<td>Ingestion</td>
<td>hematopoietic system</td>
<td>liver</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
<td>Not classified</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>endocrine system</td>
<td>muscles</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
<td>Not classified</td>
</tr>
<tr>
<td>BENZYL ALCOHOL</td>
<td>Ingestion</td>
<td>nervous system</td>
<td>respiratory system</td>
<td>Not classified</td>
<td>Mouse</td>
<td>NOAEL 645 mg/kg/day</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE</td>
<td>Inhalation</td>
<td>hematopoietic system</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
<td>heart</td>
<td>endocrine system</td>
</tr>
<tr>
<td>POTASSIUM PEROXYMONOSULFATE</td>
<td>Ingestion</td>
<td>liver</td>
<td>respiratory system</td>
<td>auditory system</td>
<td>heart</td>
<td>endocrine system</td>
</tr>
<tr>
<td>and/or hair</td>
<td>hematopoietic system</td>
<td>immune system</td>
<td>nervous system</td>
<td>eyes</td>
<td>kidney and/or bladder</td>
<td>vascular system</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------</td>
<td>---------------</td>
<td>----------------</td>
<td>------</td>
<td>------------------------</td>
<td>-----------------</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.

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.

EPA Hazardous Waste Number (RCRA): Not regulated

**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

EPCRA 311/312 Hazard Classifications:

<table>
<thead>
<tr>
<th>Physical Hazards</th>
<th>Health Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Skin Corrosion or Irritation</td>
</tr>
</tbody>
</table>
15.2. State Regulations

15.3. Chemical Inventories
The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

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.

15.4. International Regulations

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
Acid/Base: Alkaline

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.

HMIS Hazard Classification
Health: 2 Flammability: 1 Physical Hazard: 0 Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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