Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
DUST MOP / DUST CLOTH TREATMENT (BULK)
Product Number: 3013; 3213

Product Division: Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
Medical Emergency: 1-(888)-314-6171 (24 hours)
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Non-Hazardous Products

NFPA Ratings:

| Health | 1- Slight |
| Fire | 0 - Minimal |
| Reactivity | 0 - Minimal |

HMIS Ratings:

| Health | 1- Slight |
| Fire | 0 - Minimal |
| Reactivity | 0 - Minimal |

Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

<table>
<thead>
<tr>
<th>Chemical Name(s)</th>
<th>%Wt</th>
<th>CAS Registry No.</th>
<th>TWA mg/m³</th>
<th>STEL mg/m³</th>
<th>CEILING mg/m³</th>
<th>NTP, IARC or OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates</td>
<td>1-5</td>
<td>64742-46-7</td>
<td>5 [oil mist]</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>1-5</td>
<td>107-21-1</td>
<td>Not Established</td>
<td>Not Established</td>
<td>127 (ACGIH)</td>
<td>No</td>
</tr>
<tr>
<td>Triethanolamine oleate</td>
<td>1-5</td>
<td>2717-15-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Alcohol ethoxylate</td>
<td>1-5</td>
<td>68131-39-5</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
</tbody>
</table>

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: 210-212 °F

Vapor Pressure: Undetermined

Vapor Density (AIR = 1): Unknown
Solubility in Water: Forms an emulsion.

pH: 8.5-9.5
Specific Gravity (H₂O=1): 1.0
Evaporation Rate (but.ace.=1): <1
Percent Solid by Weight: 10-12

Physical State: Liquid
Appearance & Odor: Opaque white liquid, fresh fragrance.

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F
Method Used: ASTM-D56

Flammable Limits: Not Established
Flame Extension: N/A

Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

Unusual Fire & Explosive Hazards: Combustion products are toxic.
SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established
Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral

Effects of Overexposure:

- **CAUSES SKIN AND EYE IRRITATION**: Symptoms may include pain, redness and swelling.
- **HARMFUL IF SWALLOWED**: Symptoms may include nausea, vomiting, pain and diarrhea.
- **INHALATION OF SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION**: Symptoms may include nasal discomfort and coughing. Contains ethylene glycol which has been shown to produce birth defects in laboratory animals and may cause kidney and nervous system damage.

Conditions to Avoid:

- **Avoid contact with eyes, skin or clothing.** Do not swallow. Avoid breathing product mist. Avoid contamination of food. Wash thoroughly with soap and water after handling.

Conditions Aggravated by Use:

- Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

Emergency & First Aid Procedures:

- **Eyes**: Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
- **Skin**: Remove contaminated clothing. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
- **Ingestion**: Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
- **Inhalation**: Move person to fresh air. Get medical attention if irritation persists.

SECTION VI: REACTIVITY DATA

Stability: Stable
Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: CO, CO₂
Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
- Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (if permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal.

Waste Disposal Method: Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves (Specify Type): Rubber or other impervious gloves.

Eye Protection (Specify Type): Splash goggles are recommended to prevent eye contact.


SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Do not contaminate water, food or feed by storage or disposal. Keep from freezing.

Other Precautions: Keep out of reach of children.

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DUST MOP / DUST CLOTH TREATMENT (BULK)
Ref: 29 CFR 1910.1200 (OSHA)

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