1. IDENTIFICATION

Product name: Suma Supreme Pot and Pan Detergent
Product Code: 94977476
SDS #: MS0800363
Recommended use: • Professional kitchen hygiene product
• This product is intended to be diluted prior to use
Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com

Canadian Headquarters
Diversey, Inc. - Canada
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 1
Specific target organ toxicity (single exposure) Category 3

Signal Word: Danger

Precautionary Statements
MAY CAUSE RESPIRATORY IRRITATION. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.
Causes burns/serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Avoid breathing spray. Wash affected areas thoroughly after handling. Use only in a well-ventilated area. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

### Classified Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>20 - 30%</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>Sodium methyl ester and fatty acids</td>
<td>149458-07-1</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Alkyl poly glycoside</td>
<td>110615-47-9</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Ammonium laureth sulfate</td>
<td>67762-19-0</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
<tr>
<td>Sulphur dioxide</td>
<td>7446-09-5</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information

4. FIRST AID MEASURES

**Undiluted Product:**

- **Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.
- **Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- **Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- **Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

**Diluted Product:**

- **Eyes:** Rinse with plenty of water If irritation occurs and persists, get medical attention
- **Skin:** Rinse with plenty of water If irritation occurs and persists, get medical attention
- **Inhalation:** No specific first aid measures are required
- **Ingestion:** Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

Aerosol Level (if applicable): Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium methyl ester and fatty acids</td>
<td>149458-07-1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>-</td>
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<td>Alkyl poly glycoside</td>
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<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium laureth sulfate</td>
<td>67762-19-0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1000 ppm (STEL)</td>
<td>1000 ppm (TWA) 1900 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
<td>10 mg/m³ (TWA)</td>
<td>15 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>0.2 mg/m³ (TWA)</td>
<td>1 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Sulphur dioxide</td>
<td>7446-09-5</td>
<td>0.25 ppm (STEL)</td>
<td>5 ppm (TWA) 13 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

Undiluted Product:
Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment:

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Personal Protective Equipment:

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available.
Melting point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 9.12 lbs/gal 1.093 Kg/L
Bulk density: No information available
Flash point: > 200 °F > 93.3 °C
Dilution Flash Point: > 200 °F > 93.3 °C
Elemental Phosphorus: 0.00 % by wt.

Color: Clear Dark Blue
Odor: Floral
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Relative Density (relative to water): 1.093
Vapor density: No information available
Vapor pressure: No information available.
Partition coefficient (n-octanol/water): No information available
Viscosity: No information available
VOC: 2.09 % *
10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: None known.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Skin contact, Inhalation, Ingestion, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
Skin contact: Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.
Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
Sensitization: No known effects.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>X</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

This product contains sulfuric acid. Strong inorganic sulfuric acid mists are classified as known human carcinogens by IARC and NTP. However, this product is not intended to be sprayed or misted. Therefore, this product will not form sulfuric acid mists under normal use conditions or foreseeable emergencies.

Numerical measures of toxicity
- ATE - Oral (mg/kg): 3800
- ATE - Dermal (mg/kg): 2100
- ATE - Inhalatory, gases (mg/l): >2500
- ATE - Inhalatory, mists (mg/l): >20

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.
Persistence and Degradability: No information available.
Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.
Contaminated Packaging: Do not re-use empty containers.
RCRA Hazard Class (undiluted product): Not Regulated
RCRA Hazard Class (diluted product): Not Regulated
14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://naextranet.diversey.com/dot/, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

15. REGULATORY INFORMATION

**International Inventories at CAS# Level**
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
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<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
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<td>-</td>
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<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sulphur dioxide</td>
<td>7446-09-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**CERCLA/SARA**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulphuric acid</td>
<td>7664-93-9</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td>1000</td>
<td>1000</td>
<td>X</td>
</tr>
<tr>
<td>Sulphur dioxide</td>
<td>7446-09-5</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td></td>
<td>500</td>
<td></td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- **Immediate:** x
- **Delayed:** -
- **Fire:** -
- **Reactivity:** -
- **Sudden Release of Pressure:** -

**Canada**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
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16. OTHER INFORMATION

**NFPA**

- Health: 3
- Flammability: 0
- Instability: 0

Suma Supreme Pot and Pan Detergent
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