1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Emerel Multi-Surface Creme Cleanser

**MSDS #:** MS0300056

**Product Code:** 4995295

**Recommended use:** Cleaning product. This product is intended to be used neat.

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

2. HAZARDS IDENTIFICATION

**Principle routes of exposure:**
- Eye contact
- Skin contact
- Inhalation

**Eye contact:** Moderately irritating to the eyes.

**Skin contact:** Moderately irritating to the skin.

**Inhalation:** None known.

**Ingestion:** May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous ingredients**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>40 - 50%</td>
<td>500</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>27176-87-0</td>
<td>10 - 20%</td>
<td>500</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Ingestion:** If swallowed, give a cupful of water or milk.

**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

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

**Specific hazards:** None known.

**Unusual hazards:** None known.

**Specific methods:** No special methods required

**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:** None.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).
6. ACCIDENTAL RELEASE MEASURES

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: No special ventilation requirements. General room ventilation is adequate.

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.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0.025 mg/m³ (TWA)</td>
<td>0.1 mg/m³ (TWA)</td>
<td></td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
<th>Bulk density:</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>1.95</td>
<td>Dilution pH:</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Viscous liquid</td>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Color:</td>
<td>Opaque White</td>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor:</td>
<td>Floral</td>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.25</td>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density:</td>
<td>10.25 lbs/gal</td>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC:</td>
<td>0%</td>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;200°F &gt;93.4°C</td>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Insoluble</td>
<td>Solubility in other solvents:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
<td>Elemental Phosphorus:</td>
<td>0% by w.t.</td>
</tr>
</tbody>
</table>

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong oxidising agents.
Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD₅₀ estimated to be greater than 5000 mg/kg. Dermal LD₅₀ estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

Hazardous ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>X</td>
<td>1</td>
<td>X</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Environmental Information: No data available
13. DISPOSAL CONSIDERATIONS
Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION
DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
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

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>27176-87-0</td>
<td>X</td>
<td>X</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</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>Dodecylbenzene sulfonic acid</td>
<td>27176-87-0</td>
<td>10 - 20%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

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

Canada
WHMIS hazard class: D2B Toxic materials.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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