Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Dermal Wound Cleanser
Chemical Formula: N/A
CAS Number: N/A
Other Designations: N/A
General Use: Topical
Manufactured For: Smith & Nephew, Inc. 970 Lake Carillon Drive Suite 110, St. Petersburg, FL 33716 Phone: 1 800 876-1261

Section 2 - Composition Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>%wt or % Vol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzethonium Chloride</td>
<td>121-54-0</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Purified water</td>
<td>7732-18-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Polysorbate 20</td>
<td>9005-64-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Polyquaternium-10</td>
<td>53568-66-4</td>
<td>Proprietary</td>
</tr>
<tr>
<td></td>
<td>54351-50-7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55553-19-0</td>
<td></td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Edetate Disodium</td>
<td>139-33-3</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

Emergency Overview

Potential Health Effects

Primary Entry Routes: Inhalation, Eyes, Skin, Ingestion
Target Organs: N/A
Acute Effects
- Inhalation: None Known
- Eye: May cause slight eye irritation.
- Skin: None Known
- Ingestion: Ingestion of large quantities can be hazardous due to presence of Benzethonium Chloride.

Carcinogenicity: This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure: None Known

Chronic Effects: None Known

Section 4 - First Aid Measures

Inhalation: No First Aid should be needed
Eye Contact: Flush eyes with copious amounts of water for at least 15 minutes.
Skin Contact: No First Aid should be needed.
Ingestion: Dilute by drinking water. Do not induce vomiting.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Special Precautions/Procedures: None.
Section 5 - Fire-Fighting

- **Flash Point**: Not determined
- **Flash Point Method**: N/A
- **Burning Rate**: Not determined
- **Autoignition Temperature**: Not determined
- **LEL (% vol. in air)**: Not known
- **UEL (% vol. in air)**: Not known
- **Flammability Classification**: Not determined
- **Extinguishing Media**: Water, Carbon Dioxide, Dry Chemical, Alcohol Foam
- **Unusual Fire or Explosion Hazards**: None
- **Hazardous Combustion Products**: None Known
- **Fire-Fighting Instructions**: Do not release runoff from fire control methods to sewers or waterways.
- **Fire-Fighting Equipment**: Self Contained Breathing Apparatus and protective clothing should be worn.

Section 6 - Accidental Release Measures

- **Spill / Leak Procedures**:
  - **Small Spills**: Wipe up spill, rinse with water
  - **Large Spills**
    - **Containment**: Not required
    - **Cleanup**: Soak up spills with sorbent, flush area with water
  - **Regulatory Requirements**: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

- **Handling Precautions**: None
- **Storage Requirements**: Store in a dry place ≤77° F (25° C).
- **Regulatory Requirements**: None

Section 8 - Exposure Controls / Personal Protection

- **Engineering Controls**: None required
- **Ventilation**: General ventilation recommended
- **Administrative Controls**: None required for normal use
- **Respiratory Protection**: None required for normal use
- **Protective Clothing/Equipment**: None required for normal use
- **Comments**: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

- **Physical State**: Liquid
- **Appearance and Odor**: Clear, colorless liquid with characteristic odor
- **Odor Threshold**: Not determined
- **Vapor Pressure**: Not determined
- **Vapor Density (Air=1)**: Not determined
- **Formula Weight**: N/A
- **Density**: 1.007 kg/m³
- **Specific Gravity (H₂O=1, at 25° C)**: 1.01
- **pH @ 25° C**: 5.0
- **Water Solubility**: Completely soluble in water
- **Other Solubilities**: Not determined
- **Boiling Point**: 212°F / 100°C
- **Freezing/Melting Point**: Not determined
- **Viscosity**: Not determined
- **Refractive Index**: Not determined
- **Surface Tension**: Not determined
- **% Volatile**: Not determined
- **Evaporation Rate (nBuAc = 1)**: < 1

Section 10 - Stability and Reactivity

- **Stability**: Stable
- **Polymerization**: Hazardous polymerization will not occur.
- **Chemical Incompatibilities**: None known
- **Conditions to Avoid**: None Known
- **Hazardous Decomposition Products**: None
Section 11 - Toxicological Information

Toxicity Data:
Eye Effects: None Known
Skin Effects: None
Chronic Effects: None Known
Mutagenicity: None

Acute Inhalation Effects: None Known
Acute Oral Effects: None Known
Carcinogenicity: None Known
Teratogenicity: None Known

Section 12 - Ecological Information

Ecotoxicity: Not determined
Environmental Fate: Degradable
Environmental Degradation: Complete
Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.
Disposal Regulatory Requirements: None known
Container Cleaning and Disposal: Discard in suitable trash container

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):
Not Regulated

Section - 15 Regulatory Information

EPA Regulations: None known
OSHA Regulations: None known
State Regulations: May vary from state to state

Section 16 - Other Information

Additional Hazard Rating Systems: None Known