1 Identification
BioSURF
Indication
Liquid Spray/Wipe Disinfectant - One Step Tuberculocide
Manufacturer
Micrylium Laboratories Inc. 5000M Dufferin Street, Toronto, Canada M3H 5T5 416-667-7040

2 Hazard Identification
Health Hazard Identification
No serious Health Hazards
Physical Hazard Identification
Flammable
Environmental Hazard Identification
Biodegradable, No Endocrine Disruptors

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>CAS#</th>
<th>UN#</th>
<th>R Phrases</th>
<th>Concentration</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfumery Product with Flammable Solvents</td>
<td>na - Blend</td>
<td>1266</td>
<td>R 11</td>
<td>70.5%</td>
<td>&gt;1000 ppm</td>
</tr>
</tbody>
</table>

3 Composition Chemical Characterization
Ethanol, Chlorhexidine Gluconate, Water with Non-Ionic Surfactants, Anti-Corrosives, Essential Oils

4 First Aid Measures
General
Rinse with water
Inhalation
Mild reversible irritation. May cause dizziness
Ingestion
Drink quantities of milk or water to dilute
Skin contact
No adverse effects. Slightly drying
Eye contact
Warning: Mild reversible irritation. Flush with plenty of water

5 Fire Fighting Measures
Use dry chemical, Foam or CO₂. Use water spray to disperse vapours and cool items

6 Accidental Release Measures
No specific measures are necessary provided vapours are not permitted to build up

7 Handling & Storage
Store in a cool, dry well ventilated location. Keep away from heat, sparks and flame.
DO NOT mix with Bleach or Peroxides. Storage & Transport 5º - 30º C

8 Exposure Controls-Personal Protection
No specific measures required. Personal Protective Equipment not required

9 Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Colour</th>
<th>Scent</th>
<th>Solidification point</th>
<th>Boiling point</th>
<th>Flash Point</th>
<th>Density</th>
<th>pH</th>
<th>Kinematic Viscosity mm²/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Green</td>
<td>Lime</td>
<td>-20°C</td>
<td>87°C</td>
<td>17°C</td>
<td>.866</td>
<td>9.9</td>
<td>16</td>
</tr>
</tbody>
</table>

10 Stability & Reactivity
Stable under normal conditions.
Incompatibility
Strong oxidants, acid chlorides, silver salts
Decomposition products
CO₂ CO

11 Toxicological Data
BioSURF: Acute Dermal LD₅₀ >5000 mg/kg; Acute Inhalation rat LC₅₀: 2.3 mg/L; Not found to be a dermal sensitizer; Acute Oral LD₅₀ >5000 mg/kg; Ocular Irritation 0.0 after 7 Days. Tests performed by Product Safety Labs, Dayton, NJ Grain derived Ethanol USP - All Ingredients Food or Pharma Grade - Free of Nonyl Phenyl Ethoxylates.
Reproductive Hazards
Ingestion of large amounts can be dangerous Carcinogenicity
Non

12 Ecological Information
Surfactants are readily biodegradable linear ethanol ethoxylates. All ingredients USP Pharma or Food Grade
Soil Readily biodegrades Water Readily biodegrades Air Volatile Disposal Domestic

13 Disposal considerations
Domestic, No restrictions. Water Dilution 4:1 for flammability considerations

14 Transport Information

<table>
<thead>
<tr>
<th>Land</th>
<th>Sea</th>
<th>IATA</th>
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</thead>
<tbody>
<tr>
<td>Hazard Class 3</td>
<td>Hazard Class 3.2</td>
<td>Hazard Class 3</td>
</tr>
<tr>
<td>Group II</td>
<td>UN1266 Packing</td>
<td>UN1266 Packing</td>
</tr>
<tr>
<td>Limited Qty 5 L</td>
<td>Packing Group II Limited Qty 5 L max</td>
<td>Group II Limited Qty 500 mL</td>
</tr>
</tbody>
</table>

15 Regulatory
TSCA - No reporting required all ingredients listed in inventory. R11: Highly flammable. S9: Keep container in well-ventilated place. S16: Keep away from sources of ignition - No smoking. CERCLA - No hazardous pollutants - No Ozone depletion

16 Other Information
The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to information and recommendations contained herein.