**SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Identity (As Used on Label and List): Bio-Bath Foaming Restroom Cleaner

Product Class: Foaming Acid Cleaner based on renewable resources

Emergency Telephone Number: 800-255-3924

Telephone Number for Information: 651-481-1900

Manufacturer's Name and Address:

Multi-Clean

600 Cardigan Road

Shoreview, MN 55126

**SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Components (Specific Chemical Identity):

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Common Name(s)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Citric Acid</td>
<td>5-8%</td>
</tr>
<tr>
<td>B</td>
<td>Water</td>
<td>40 - 100%</td>
</tr>
<tr>
<td>C</td>
<td>Alkyl Polyglucoside</td>
<td>2 - 5%</td>
</tr>
</tbody>
</table>

**SECTION III - HAZARDS IDENTIFICATION**

Appearance and Odor: Clear liquid with a paradise fragrance

Primary Hazards: Corrosive

Potential Health Hazards:

Route(s) of Entry: Skin Absorption: X  Ingestion: X  Inhalation: X

Eye: May cause burns on contact.

Skin: May cause burns on contact.

Ingestion: Harmful if swallowed.

Inhalation: Mist produces irritation to eyes, nose, throat and skin.

Signs and Symptoms of Exposure: Irritation on direct contact.

Carcinogenicity: NTP? No  IARC Monographs? No

OSHA Regulated? No

Target Organ(s): No additional data.

Medical Conditions Generally Aggravated by Exposure: N. Av.

Health Hazards, Chronic: N. Av.

**SECTION IV - FIRST AID MEASURES**

Emergency and First Aid Procedures:

If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for at least 15 minutes. Obtain medical attention.

Skin Contact: Flush thoroughly with cool water. If irritation persists, obtain medical attention. Remove and wash contaminated clothing before reuse.

Sources Used: Raw material data, general toxicology from the trade for similar products.

**SECTION V - FIRE FIGHTING MEASURES**

Flammability: No

Autoignition Temperature: N. Av.

Flammable Limits: N. Ap.  LEL  UEL

Extinguishing Media:


Foam?: Water Fog?

Alcohol Foam?: N. Av.

Dry Chemical?: Other?


Unusual Fire and Explosion Hazards: N. Av.

TDG Flammability Classification: Non-flammable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Steps to be Taken in Case Material is Released or Spilled:

Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop. Absorbent material (example: floor-dr) or vacuum. Thoroughly rinse affected area with water.

**SECTION VII - HANDLING AND STORAGE**

Precautions to be Taken in Handling and Storing:

Normal care in handling and storage.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. Keep from freezing.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection (Specify Types): Not required

Ventilation: Local Exhaust: Not required

Special: Not required

Mechanical (General): Normal good ventilation sufficient.

Other: Not required

Protective Gloves: Chemical resistant rubber.

Eye Protection: Approved safety goggles or glasses.

Footwear: Not required

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

**SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: Approximately 195°F

PH: <1.5

Specific Gravity (H20) = 1:

% Volatile: > 80

Vapor Density (Air = 1): 1

Odor Threshold: N. Av.

Evaporation Rate (Butyl Acetate = 1): N. Av.

Oil/Water Distribution: Coefficient: N. Av.

Solubility in Water: Complete

Vapor Pressure (MM HG): N. Av.


**SECTION X - STABILITY AND REACTIVITY**

Stability: Unstable

Conditions to Avoid: Do not mix with any other chemicals, especially alkaline, bleach or ammonia cleaners. Avoid contact with alkaline materials & reactive metals.

Incompatibility (materials to avoid): Mild steel and aluminum may react to produce hydrogen gas that can produce an explosive in confined reactors. Reacts violently with strong bases. Do not use on marble, terrazzo or natural stone.

Hazardous Decomposition or By-products:

Hazardous Polymerization: May occur: Will not occur: X


**SECTION XI - TOXICOLOGICAL INFORMATION**

Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50

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<table>
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<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>N. Ap.</td>
<td>N. Av.</td>
</tr>
<tr>
<td>B</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N. Av.</td>
</tr>
</tbody>
</table>

Teratogen, Mutagen, Reproductive Toxin Status: No

Toxically Synergistic Products: N. Av.

**SECTION XII - ECOLOGICAL INFORMATION**

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Waste Disposal Method:

Neutralize and dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewered, depending on the materials and/or contaminates being cleaned as well as state, federal and local sewer commission regulations.

RCRA Hazard Class: DD02. Characteristic corrosive

**SECTION XIV - TRANSPORT INFORMATION**

Shipping Classification: Compound, cleaning liquid, N.O.I.


**SECTION XV - PREPARATION DATA**

Prepared By: Ron Camp

Telephone Number: 651-481-1900

Date: 4-12

**SECTION XVI - REGULATORY INFORMATION**

US Federal Regulations:

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: None

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: None

Section 313 Toxic Chemicals: None

State Regulations:

International Regulations:

WHMIS Controlled Product Hazard Class: E

**SECTION XVII - OTHER INFORMATION**

None

N. Ap. - Not Applicable; N. Av. - Not Available

**NFPA SYSTEM**

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>Health Hazard</td>
<td>0</td>
</tr>
</tbody>
</table>

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