Section I - Product Identification
A quaternary amine based spray disinfectant.

Section II - Hazards Identification
Overview: May be harmful if swallowed. May be irritating to skin eyes and respiratory tract.

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slight</td>
<td>Very slight</td>
<td>None</td>
<td>Slight</td>
</tr>
</tbody>
</table>

Recommended safety equipment: safety goggles, lab coat and proper gloves
Storage: General storage
NFPA Ratings
Health = 1  Flammability = 1  Reactivity = 0

Potential Health Effects
The toxicology of this compound have not been completely examined. It is presumed that the toxicity of this item is similar to other glycol ethers and quaternary ammonium compounds.

Inhalation: May be irritating to nose throat and upper respiratory tract. The vapor pressure is such that exposure via inhalation is not probable.

Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

Skin contact: Not normally a problem but may cause skin irritation.

Eye contact: May be irritating.

Chronic Exposure: Unknown.

Aggravation of preexisting conditions: Unknown.

Section III - Composition/Information on Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTC2125M</td>
<td>————</td>
<td>————</td>
<td>————</td>
<td>————</td>
<td>0.22%</td>
</tr>
<tr>
<td>Diethylene glycol monobutyl Ether</td>
<td>112-34-5</td>
<td>————</td>
<td>————</td>
<td>————</td>
<td>8% w/v</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64.02-8</td>
<td>————</td>
<td>————</td>
<td>————</td>
<td>1.6%</td>
</tr>
</tbody>
</table>

Section IV - First Aid Measures
Inhalation: Remove from source of exposure and get medical attention for any breathing difficulty.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if ingestion involves a significant amount.

Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.

Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.

Notes to Physician: In case of ingestion, probable mucosal damage may contraindicate the use of gastric lavage.
Section V - Fire Fighting Measures

**Flash point:** 94°C (201°F).

**Fire:** Not normally a fire hazard.

**Explosion:** Not normally an explosion hazard.

**Fire Extinguishing Media:** Any means suitable for surrounding fire.

**Special information:** Pyrolysis will release corrosive oxides.

Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and store in a suitable container for disposal.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

Section VIII - Exposure Control/Personal Protection

**Airborne Exposure Limits:** See section III.

**Ventilation System:** Usually not required. When required, refer to the ACGIH document, “Industrial Ventilation, a Manual of Recommended Practices” for details about ventilation.

**Personal Respirator:** Usually not required.

**Skin protection:** Protective gloves are not required but recommended as part of good laboratory practice.

**Eye Protection:** Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties

**Boiling Point:** 100°C

**Density:** About 1.01 g/ml

**Evaporation Rate (water = 1):** 1

**Solubility:** Infinitely miscible with water

**Appearance and Odor:** A clear colorless liquid.

Section X - Stability and Reactivity

**Stability:** Freezes at low temperature.

**Hazardous Decomposition Products:** Nothing unusual.

**Hazardous polymerization:** Will not occur.

**Incompatibilities:** Nothing unusual.

**Conditions to avoid:** Excessive cold/heat and light.

Section XI - Toxicological Information

Not hazardous under normal conditions

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known Carcinogenicity?</th>
<th>NTP?</th>
<th>Anticipated?</th>
<th>IARC Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTC2125M</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>none</td>
</tr>
<tr>
<td>DGME</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>none</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>none</td>
</tr>
</tbody>
</table>

Section XII - Ecological Information

**Environmental Fate:** Unknown.

**Environmental Toxicity:** Toxic to fish and other aquatic organisms.
Section XIII - Disposal Considerations

Triple rinse the container and dispose in a sanitary landfill or incinerate. Do not reuse empty container. Local governments may restrict the amounts of quaternary amine compounds that may be flushed down drain. Insure compliance with all government regulation.

Section XIV - Transportation Information

Not regulated.

Section XV - Regulatory Information

Chemical Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTC2125M</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>DGME</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Federal, State and International Regulations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>RCRA 261.33</th>
<th>TSCA 8(D)</th>
<th>Ca. Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTC2125M</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>DGME</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Chemical Weapons Convention: No</td>
<td>TSCA 12(b): No</td>
<td>CDTA: No</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SARA 311/312: Acute: No, Chronic: No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Section XVI - Other Information

This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Revision Date: May 11, 2015