1. Product and company identification

Product Name: Sani Tech  
EPA REG. NO. 1839-86-79625 • EPA EST. NO. 11399-CA-001  

UN/ID No. UN1760 Corrosive Liquids, N.O.S. (Quaternary Ammonium Chloride)  

Recommended use of the chemical and restrictions on use:
Recommended Use: Quaternary Based Sanitizer, for industrial use only.  

Supplier: Butler Chemicals, Inc.  
3070 E. Ceena CT.  
Anaheim, CA. 92806  

For Chemical Emergency
Spill, leak, Exposure or Incident  
CALL INFOTRAC • 24-Hour Number  
1(800) 535-5053 or + 1-352-323-3500  

Product type: Mixture  

2. Hazards identification

<table>
<thead>
<tr>
<th>Appearance: Clear Liquid</th>
<th>Physical State: Liquid</th>
<th>Odor: Mild odor</th>
</tr>
</thead>
</table>

Classification

<table>
<thead>
<tr>
<th>Acute Toxicity – Inhalation (Dust/Mists)</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity, oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity, single exposure</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Environmental hazards

<table>
<thead>
<tr>
<th>Hazardous to the aquatic environment, acute hazard</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous to the aquatic environment long-term hazard</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Signal Word: DANGER  

Pictograms:  

Hazard Statement:
Danger! Harmful if swallowed. Fatal if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause damage to organs. Very toxic to aquatic life with long lasting effects. Chronic Exposure: No information, Avoid repeated exposure  

Precautionary Statements – Preventions:  
Do not get in Eyes, on Skin or on Clothing. Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only with adequate ventilation, use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid release to the environment.  
Keep container closed.  

Precautionary Statements – Response:
Immediately call a poison control center or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
Continue rinsing immediately call a poison control center or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a poison control center or doctor/physician
IF SWALLOWED: Immediately call a poison control center or doctor/physician, Rinse mouth, Do NOT induce vomiting!
IN CASE OF FIRE: Use appropriate media to extinguish.


Precautionary Statements – Disposal: Disposed of contents/container in accordance with local/state/ regional/national/federal/international regulations.

### 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disinfectant Liquid Mixture BTC 2125M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Containing Active Ingredients:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride (Alternate CAS 68956-79-6)</td>
<td>85409-23-0</td>
<td>5%</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride (C12-18)</td>
<td>68391-01-5</td>
<td>5%</td>
</tr>
</tbody>
</table>

### 4. First aid measures

**Eye contact:**
Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, white lifting the eye lids apart. Use cool running water. Do not use an eye ointment.

**Skin contact:**
Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing separately before reuse.

**Inhalation:**
Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask.

**Ingestion:**
Immediately call a poison control center or doctor/physician Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Note to physician**
If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

### 5. Fire-fighting measures

**Extinguishing media:**
Water Fog, Foam. Dry chemical powder. Carbon dioxide (CO2)

**Suitable extinguishing media**

**Protection of firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. Accidental release measures

**Personal precautions:**

**Environmental precautions:**
Prevent further leakage or spillage if safe to do so

**Methods of containment**
Prevent entry into waterways, sewers, basements or confined areas.

**Methods of cleaning up**
Wear appropriate protective equipment and clothing during clean-up

**Small spills**
Use a non-combustible material like vermiculite, sane or earth to soak up the product and place into a container for later disposal.

**Large spills**
Dike far ahead of liquid spill for later disposal.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to
sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

7. Handling and storage

Handling: Avoid contact with skin and eyes. Wash hands thoroughly after handling. Avoid breathing vapors or mists of this product.

Storage
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls
Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended where possible, in enclosed or confined spaces. Use general ventilation. Eye wash stations and emergency Showers are recommended.

Individual-protection measures, such as personal protective equipment

Eye/Face Protection
Wear chemical goggles. Face-shield

Skin and Body Protection
Wear suitable protective clothing. Use impervious gloves.

Respiratory Protection
If ventilation if not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>pH</td>
<td>7.7</td>
</tr>
<tr>
<td>Boiling/condensation point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 208.0 °F (&gt;97.8 °C) Pensky-Martens Closed Cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Density</td>
<td>8.26 lb/gal</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

10. Stability reactivity

Chemical Stability
Stable at normal conditions

Incompatible materials
Strong oxidizing agents Anionic surfactants

Hazardous decomposition products
Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

Possibility of hazardous reactions
Will not occur

11. Toxicological information

Information on likely routes of exposure
Inhalation: Not likely, due to the form of the product.
Skin contact: Causes severe skin burns.
Eye contact: Causes serious eye damage.
Ingestion: Causes digestive tract burns. Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics
 Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects
Acute toxicity: Harmful if swallowed. Fatal if inhaled.
Information on toxicological effects
**Acute toxicity** Harmful if swallowed. Fatal if inhaled.

**Product Species Test Results**

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTC 2125M 10% SOLUTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td>Rat</td>
<td>500 - 5000 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation:** Causes serious eye damage.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects.

**Persistence and degradability** Not available.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Waste disposal:**
The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: Handling and Storage and Section 8: Exposure Controls/Personal Protection for additional handling information and protection of employees.

## 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>UN1760</td>
<td>CORROSIVE LIQUIDS, N.O.S. (Quaternary Ammonium Chloride)</td>
<td>8</td>
<td>III</td>
</tr>
</tbody>
</table>

*PG: Packing group

## 15. Regulatory information

**US federal regulations** This product is a U.S. EPA registered pesticide

**Reportable Quantity** There is no calculable reportable quantity (RA) for this product

**CERCLA (Superfund) reportable quantity:** None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

- Section 302 extremely Hazardous substance: No
- Section 311 hazardous chemical: No

**Inventory status**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
</tbody>
</table>
Korea                Existing Chemical List (ECL)        No
New Zealand          New Zealand Inventory          No
Philippines          Philippine Inventory of Chemicals and Chemical Substances (PICCS) No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory No
*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

California State Regulations:

U.S. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### 16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue date: October 5, 2019
Print date: April 7, 2020
Prepared by: Technical Department

Disclaimer
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End of Safety Data Sheet