

### 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:** LJ'S Cleaning Solutions  
1619 S. 59th Ave  
Phoenix, AZ 85403

**For Chemical Emergency** **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

**Appearance:** Clear Liquid      **Physical State:** Liquid      **Odor:** Mild odor

#### Classification

Acute Toxicity – Inhalation (Dust/Mists)	Category 2
Acute Toxicity, oral	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity, single exposure	Category 2

#### Environmental hazards

Hazardous to the aquatic environment, acute hazard	Category 1
Hazardous to the aquatic environment long-term hazard	Category 2

**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 – Storage:** Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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

### 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Disinfectant Liquid Mixture BTC 2125M		10%
Containing Active Ingredients:		
_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride (Alternate CAS 68956-79-6)	85409-23-0	5%
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	5%

### 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, while 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:**  
**Suitable extinguishing media** Water Fog, Foam. Dry chemical powder. Carbon dioxide (CO2)  
**Protection of firefighters:**  
**Protective equipment and precautions for 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:** Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

**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, sand 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

<b>Handling:</b>	Avoid contact with skin and eyes. Wash hands thoroughly after handling Avoid breathing vapors or mists of this product.
<b>Storage</b>	DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50 <sup>0</sup> F or higher than 120 <sup>0</sup> 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

<b>Physical state</b>	Liquid
<b>Color</b>	Clear
<b>pH</b>	7.7
<b>Boiling/condensation point</b>	Not Available
<b>Flash point</b>	> 208.0 <sup>0</sup> F (>97.8 <sup>0</sup> C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not Available
<b>Vapor pressure</b>	Not Available
<b>Vapor Density</b>	Not Available
<b>Density</b>	8.26 lb/gal
<b>Viscosity</b>	Not Available

## 10. Stability reactivity

<b>Chemical Stability</b>	Stable at normal conditions
<b>Incompatible materials</b>	Strong oxidizing agents Anionic surfactants
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
<b>Possibility of hazardous reactions</b>	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.

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**Product Species Test Results**

Product	Species	Test results
BTC 2125M 10% SOLUTION		
<b>Acute</b>		
<b>Acute</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	500 - 5000 mg/kg

**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**

Regulatory Information	UN number	Proper shipping name	Classes	PG*
DOT Classification	UN1760	CORROSIVE LIQUIDS, N.O.S. (Quaternary Ammonium Chloride)	8	III

\*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**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No

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.

<b>16. Other information</b>
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HMIS	Health Hazards	Flammability	Reactivity	Personal Protection
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**Prepared by:** Technical Department

**Disclaimer**

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End of Safety Data Sheet