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SAFETY DATA SHEET

1. Product and company identification

Product Name: SANI TECH
UN/ID No. UN1760 Quaternary Ammonium Chloride

Recommended use of the chemical and restrictions on use

Recommended Use QUATERNARY BASED SANITIZER

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

Print date: February 15, 2015

Responsible name: **Kenny Bailey**
In case of emergency: **HEALTH EMERGENCIES — SPILL EMERGENCIES**
CALL INFOTRAC 1(800) 535-5053

Product type: Mixture

2. Hazards identification

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

Classification

Acute Toxicity – Inhalation (Dust/Mists)	Category 2
Acute Toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
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 1

Signal Word: DANGER

Pictograms:



Hazard Statement

Danger! Corrosive, Toxic if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Fatal if inhaled. 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 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 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 CENTER or doctor/physician
 IF SWALLOWED: Immediately call a POISON 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/regional/national/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:		
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	5%
N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-76-6	5%

Substances listed in this section are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard.

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: Do NOT induce vomiting. If victim is conscious and alert, give one or two glasses of water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

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 (CO ₂)
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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.
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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

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 ⁰ F or higher than 120 ⁰ 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
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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

Physical state	Liquid
Color	Red
pH	7.7
Boiling/condensation point	212 ⁰ F (100 ⁰ C)

Flash point	> 201 °F (>93.9 °C) PMCC
Evaporation rate	Estimated slower than ethyl ether
Vapor pressure	Not Determined or Unknown
Vapor Density	Estimated lighter than air
Specific gravity	0.99
Density	8.26 lb/gal
RVOC	<1% (Ethanol)
Percent volatile	9% (w/w) (includes water)

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

Not available

12. Ecological information

Aquatic toxicity: Toxic to fish

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	1760	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)

16. Other information

HMIS	Health Hazards	Flammability	Reactivity	Personal Protection
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Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet