

## MATERIAL SAFETY DATA SHEET

Prepared By: K. Bailey	Date: October 30, 2014	24-HR EMERGENCY NUMBER: INFO TRAC (800) 535-5053
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### SECTION I – PRODUCT INFORMATION

**PRODUCT NAME – SANI TECH**  
**PRODUCT TYPE – SANITIZER**

### SECTION II – HAZARDOUS INGREDIENTS

COMPONENTS	CAS #	%	OSHA PEL	ACGIH TLV	REGULATORY REF. SOURCE*
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	5-10	N/E	N/E	N/E
Ethanol	64-17-5	1-5	N/E	N/E	N/E

### SECTION III – PHYSICAL DATA

<b>Physical State:</b> Liquid	<b>Color/Appearance:</b> Red Liquid	<b>Odor:</b> Quat smell
<b>Specific Gravity:</b> Aprx 1	<b>pH:</b> 6.5-8.0	<b>V.O.C.:</b> N/A
<b>Boiling Point:</b> 212°F	<b>Vapor Pressure:</b> N/E	<b>Max.</b>
<b>Vapor Density:</b> Estimated Heavier than Air	<b>Evaporation Rate:</b> Estimated Slower than Ethyl Ether	<b>Reactivity in Water:</b> None

### SECTION IV – FIRE & EXPLOSION HAZARD

<b>Flammability:</b> Non-Flammable	<b>Auto Ignition Temperature:</b> N/E
<b>Flammability Limits in Air by % in Volume:</b> <i>Lower - N/E Upper - N/E</i>	<b>Flash Point:</b> 210°F
<b>Extinguishing Media:</b> Foam, Dry Chemical, Carbon Dioxide, Water.	<b>Special Fire Fighting Procedures:</b> Self-contained breathing apparatus.
<b>Unusual Fire &amp; Explosion Hazard:</b> Toxic fumes may be emitted if material is exposed to extreme temperatures.	

### SECTION V – REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> Will Not Occur	<b>Incompatibility (Materials To Avoid):</b> Very strong oxidizing agents.
<b>Conditions to Avoid:</b> Keep away from heat or flame.	<b>Hazardous Decomposition Products:</b> Carbon Monoxide, Carbon Dioxide, and other toxic vapors.	

### SECTION VI – HEALTH HAZARD DATA

<b>Primary Routes of Entry:</b>									
Inhalation	X	Skin	X	Eye	X	Ingestion	X	Not Hazardous	-
<b>Acute Effects:</b> None Known.				<b>Chronic Effects:</b> None Known.					
<b>Inhalation:</b> Prolonged exposure vapors may cause signs and symptoms of Central Nervous System Depression such as Headache, Dizziness, Weakness, and Loss of Coordination. Vapor/Mist may result in irritation to the entire Respiratory Tract.									
<b>Skin Absorption:</b> Prolonged or repeated contact may cause skin irritation.					<b>Eye:</b> May cause stinging, pain and irritation.				
<b>Ingestion:</b> Ingestion of this product may result in Gastrointestinal Irritation, Headache, Nausea, Vomiting and Diarrhea.									
<b>Medical Conditions Generally Aggravated by Exposure:</b> None Known.									

### SECTION VII – FIRST AID PROCEDURES

<b>Inhalation:</b> Remove person to fresh air. Give Oxygen or CPR if breathing becomes difficult. Get medical attention.
<b>Skin:</b> Wash thoroughly with soap and plenty of water. Remove contaminated clothing and wash before reuse.
<b>Eye:</b> Remove contact lenses. Flush eyes with water for 15 minutes. Get medical attention if needed.
<b>Ingestion:</b> Give large volume of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention.

### SECTION VIII – PERSONAL PROTECTION

<b>Respiratory:</b> OSHA/NIOSH-approved	<b>Gloves:</b> Neoprene or Rubber Gloves	<b>Eye:</b> Safety Goggles	<b>Other:</b> Emergency safety shower near area.
<b>Ventilation:</b> Good ventilation should be maintained. Local Exhaust for normal conditions, Mechanical Vent for area being applied.			
<b>Hygienic Work Practices:</b> Ensure strict sanitary conditions are conformed to when working around chemicals.			

HMIS RATING		NFPA RATING	
<b>Health</b>	1	<b>Health</b>	1
<b>Flammability</b>	1	<b>Flammability</b>	1
<b>Reactivity</b>	0	<b>Reactivity</b>	0
<b>Protection</b>	0	<b>Protection</b>	0

### SECTION IX – ACCIDENTAL RELEASE PROCEDURES

Wear recommended personal protection equipment.
If product leaks or spills: Flood area with water, mop and dispose to sanitary sewer.
Abide by Federal, State, and Local Regulations.

### SECTION X – HANDLING AND STORAGE

Store in a cool, dry, well-ventilated area away from heat or flame.
Do not destroy or deface the label.

### SECTION XI – DISPOSAL CONSIDERATIONS

Incinerate at approved facility in accordance with the Federal, State, and Local Regulations.
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### SECTION XII – ECOLOGICAL DATA

<b>BIODEGRADABILITY:</b> The surfactant system and solvents used in this product are readily biodegradable. The chelators may form insoluble salts which precipitate out of solution. They are otherwise non-reactive with biological systems.
<b>ECOTOXICITY:</b> No Data Available.

### SECTION XIII – TOXICOLOGICAL DATA

<b>ANIMAL TOXICITY:</b> No Data Available.
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### SECTION XIV – REGULATORY INFORMATION

<b>SARA Title III:</b> None Listed.	
<b>CARCINOGENICITY CLASSIFICATION:</b> (Hazardous components present @ 0.1% or more)	
<b>(a) IARC – International Agency for Research on Cancer</b>	Not Listed
<b>(b) NTP - National Toxicology Program</b>	Not Listed
<b>(c) OSHA - Occupational Safety and Health Administration</b>	Not Listed
<b>TSCA (Toxic Substances Control Act):</b> Components in this product are listed in TSCA Inventory.	

### SECTION XV – DOT HAZARD CLASSIFICATION

HAZARDOUS CORROSIVE LIQUID N.O.S. QUATERNARY AMONIUM CHLORIDE, CLASS 8, UN1760, PGIII
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### SECTION XVI – OTHER INFORMATION

<i>The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; It is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and Local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial, and Local laws and regulations. See other sections for health and safety information.</i>
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LEGEND			
HMIS RATING	NFPA RATING	PERSONAL PROTECTION	
0 Minimal	0 Minimal	A	Safety Goggles
1 Slight	1 Slight	B	Safety Goggles/Gloves
2 Moderate	2 Moderate	C	Safety Goggles/Gloves/Apron
3 Serious	3 Serious	D	Face Shield/Gloves/Apron
4 Severe	4 Severe		