

# SAFETY DATA SHEET



## 1. IDENTIFICATION

### Product identifier

Product Name Best Sanitizers, Inc. ALPET No-Rinse Quat Sanitizer

### Other means of identification

Synonyms Sanitizer

### Recommended use of the chemical and restrictions on use

Recommended use Industrial use, Sanitizer

### Distributor Address

Best Sanitizers, Inc.  
PO Box 1360  
Penn Valley, CA 95946

### Emergency telephone number


Emergency Phone Numbers For Transportation Emergencies,  
call Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards	
Acute toxicity, oral	Category 4
Acute toxicity, inhalation	Category 2
Health hazards	
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

<b>Signal word</b>	<b>Danger</b>
Hazard statements Harmful if swallowed Fatal if inhaled. Causes severe skin burns and serious eye damage. May cause damage to organs. Very toxic to aquatic life with long lasting effects.	
	
<b>Appearance</b>	Clear, colorless
<b>Physical State</b>	Liquid
<b>Odor</b>	

#### **Precautionary Statements - Prevention**

Do not breathe mist or vapor.  
Use only in a well-ventilated area.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.

#### **Precautionary Statements - Response**

If on skin (or hair): Rinse skin with water or shower. Wash contaminated clothing before reuse.  
If swallowed: Rinse mouth. Do NOT induce vomiting. Call for medical attention if you feel unwell.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed.

#### **Precautionary Statements - Disposal**

Dispose of contents in accordance with all applicable federal, state, and local regulations.

Chemical Name	CAS No.	Weight %
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	5
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	5

## **4. FIRST AID MEASURES**

#### **First aid measures**

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	If in eyes, immediately flush eyes with plenty of water for 15–20 minutes. If present, remove contact lenses. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Immediately remove all contaminated clothing. Rinse skin with water/shower. Call physician.
<b>Inhalation</b>	Move to fresh air. If breathing problems develop, call a doctor.
<b>Ingestion</b>	Do not induce vomiting. Call a doctor or poison control center.

#### **Most important symptoms and effects, both acute and delayed**

<b>Most Important Symptoms and Effects</b>	See Section 11 for information.
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#### **Indication of any immediate medical attention and special treatment needed**

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## 5. FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media

Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water fog.

### Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand. Keep containers cool with water spray.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

### Environmental precautions

#### **Environmental Precautions**

Prevent entry into surface water or sanitary sewers. Avoid release to the environment. Do not contaminate water.

### Methods and material for containment and cleaning up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so. Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

#### **Methods for Cleaning Up**

Eliminate all potential sources of ignition, and ventilate area. Absorb and containerize. Do not flush into surface water or sanitary sewer system. If spill is large, dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent from entering drains. Never return spills to original containers. Local authorities should be advised if significant spillages cannot be contained. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not eat, drink, or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

**Storage** Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

No exposure limits noted for ingredient(s). No biological exposure limits noted for ingredient(s). Ensure adequate ventilation, especially in confined areas.

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** None required for consumer use. If splashes are likely to occur, wear safety glasses.

**Skin and Body Protection** No special protective equipment required.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Physical State	Thin liquid	Odor	Not available
Appearance	Clear	Odor Threshold	No information available
Color	colorless		
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	7.7000	None known	
Melting/freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	>208°F (closed cup)	None known	
Evaporation rate	Not Available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
Upper flammability limit	No data available	None known	
Lower flammability limit	No data available	None known	
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	No data available	None known	
Water Solubility	No data available	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

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## 10. STABILITY AND REACTIVITY

### **Reactivity**

Stable.

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

No dangerous reaction known under conditions of normal use.

### **Conditions to avoid**

Keep away from heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Incompatible materials.

### **Incompatible materials**

Strong oxidizers. Anionic surfactants.

### **Hazardous Decomposition Products**

None known.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

<b>Inhalation</b>	Not likely, due to the form of the product.
<b>Eye Contact</b>	Causes severe eye damage.
<b>Skin Contact</b>	Causes severe skin burns.
<b>Ingestion</b>	Harmful if swallowed. Causes digestive tract burns.

#### **Component Information**

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>
BTC 2125M 10% Solution	500-5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)

### **Information on toxicological effects**

**Symptoms** May cause serious eye damage. Burning pain and severe corrosive skin damage.

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## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

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

### **Persistence and Degradability**

No information available.

### **Bioaccumulation**

No information available.

### **Other adverse effects**

No information available.

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## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Dispose of in accordance with all applicable federal, state, and local regulations. Pesticide wastes are acutely hazardous. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative for guidance.

### **Contaminated Packaging**

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

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## 14. TRANSPORT INFORMATION

### **DOT**

UN/ID/NA number: UN 1760

Proper shipping name: CORROSIVE LIQUID, N.O.S. (Quaternary Ammonium Chloride)

Class : 8

Packing group : III

### **IATA**

UN/ID/NA number: UN 1760

Proper shipping name: CORROSIVE LIQUID, N.O.S. (Quaternary Ammonium Chloride)

Class : 8

### **Chemical Inventories**

#### **TSCA**

All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

#### **DSL/NDSL**

All components are on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label includes other important information, including directions for use.

### **U.S. Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.



## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazard</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical and Chemical Hazards</b>
	3	1	0	-

**Prepared By** Technical Department

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### General Disclaimer

The information provided in this 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**