

# MATERIAL SAFETY DATA SHEET

**TRADE NAME: SANIS by Cintas Sanitizer**  
**CHEMICAL FAMILY: Quaternary ammonium compound**  
**EPA Reg. 10324-58-83895**

**MSDS No. SanSan-1**  
Preparation Date: 07/16/07

SanTec Products  
5579 Spellmire Dr.  
Cincinnati, OH 45246  
(877) 972-6832

**EMERGENCY CONTACT: CHEMTREC (800-424-9300)**

## NEPA HAZARD SUMMARY (0-4 Scale)

Health: 3      Flammability: 1      Reactivity: 1      Special: N/A

## HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

| <u>CHEMICAL NAME</u>  | <u>COMMON NAME</u>           | <u>CAS</u> | <u>Exposure Limits</u> | <u>%</u> |
|---|------------------------------|------------|------------------------|----------|
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )       | Quaternary Ammonium chloride | 68391-01-5 |                        | 4-6      |
| Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-14</sub> ) | Quaternary Ammonium chloride | 68956-79-6 |                        | 4-6      |
| Ethanol   | Ethanol                      | 64-17-5    | 1000ppm (TWA)          | <1       |

## EMERGENCY FIRST AID PROCEDURES

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**EYES:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Seek medical attention at once.

**INHALATION:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.**

## FIRE AND EXPLOSION DATA

| <u>FLASHPOINT</u>         | <u>FLAMMABLE LIMITS</u> | <u>AUTO IGNITION TEMP</u> |
|---------------------------|-------------------------|---------------------------|
| >200°F (Pensky Martin CC) | (LEL) N/A<br>(UEL) N/A  | N/A                       |

**EXTINGUISHING AGENTS:** Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating and toxic gasses or fumes may be released during a fire. Combustion products are toxic.

## REACTIVITY DATA

| <u>STABILITY</u> | <u>HAZARDOUS DECOMPOSITION PRODUCTS</u>                   | <u>MATERIALS TO AVOID</u>                |
|------------------|---|--|
| Stable           | Carbon Monoxide, carbon dioxide and toxic chloride vapor. | Strong oxidizing agents, reducing agents |

## HAZARDOUS POLYMERIZATION

Will not occur.

## PHYSICAL DATA

|   |                                     |                             |                                       |
|---|-------------------------------------|-----------------------------|---------------------------------------|
| <u>APPEARANCE &amp; ODOR</u><br>Clear, red liquid with mild odor. | <u>VAPOR DENSITY (AIR=1)</u><br>N/A | <u>BOILING POINT</u><br>N/A | <u>SOLUBILITY IN WATER</u><br>Soluble |
|---|-------------------------------------|-----------------------------|---------------------------------------|

|                                 |  |                                     |  |
|---------------------------------|--|-------------------------------------|--|
| <u>SPECIFIC GRAVITY</u><br>1.06 | <u>EVAPORATION RATE (N-Butyl Acetate=1)</u><br>N/A | <u>VAPOR PRESSURE (mmHg)</u><br>N/A | <u>PERCENT VOLATILE BY VOLUME</u><br>N/A |
|---------------------------------|--|-------------------------------------|--|

## CHEMICALS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN

OSHA: NO IARC MONOGRAPHS: NO NTP: NO

## HEALTH HAZARD DATA

SKIN: Causes irritation and/or corrosive burns. Brief exposure may cause irritation and defatting of the skin.  
EYES: Causes irritation and/or burns and may result in permanent injury to eyes including blindness.  
INHALATION: Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, drowsiness and death.  
INGESTION: Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

## PERSONAL PROTECTION DATA

|   |   |  |   |
|---|---|--|---|
| <u>RESPIRATORY PROTECTION</u><br>NIOSH/MSNA approved respirator if irritation is experienced. | <u>EYE PROTECTION</u><br>Chemical goggles | <u>PROTECTIVE GLOVES</u><br>Rubber or neoprene | <u>OTHER PROTECTIVE EQUIPMENT</u><br>None |
|---|---|--|---|

|                     |                           |   |                        |
|---------------------|---------------------------|---|------------------------|
| <u>VENTILATION:</u> | <u>Mechanical</u><br>None | <u>Local</u><br>Explosion proof exhaust ventilation | <u>Special</u><br>None |
|---------------------|---------------------------|---|------------------------|

## SPECIAL PRECAUTIONS

Store in a cool area away from oxidizing agents. Keep from heat.

## SPILL OR LEAK PROCEDURES

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. Large spills should be diked far ahead of the liquid spill and pumped into containers for disposal.

## SARA TITLE III SECTION 313 INFORMATION

This product does not contain any ingredients that must be reported under SARA, Title III, Section 313.

## DOT SHIPPING INFORMATION

Not Regulated

N/A = Not Applicable  
NFPA = National Fire Protection Association  
NOIBN = Not Otherwise Identified by Name  
TLV = Threshold Limit Value  
UNK = Unknown at This Time

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