MATERIAL SAFETY DATA SHEET

SAFETEC OF AMERICA

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

Sanizide Plus® Germicidal Solution

MANUFACTURER'S NAME

Safetec of America, Inc.

ADDRESS (NUMBER, STREET, P.O. BOX)

887 Kensington Ave.

BUFFALO, NY 14215

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

DATE PREPARED

September 1, 2011

SUPERSEDES

September 1, 2010

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTIFICATION INFORMATION

<table>
<thead>
<tr>
<th>SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)</th>
<th>CAS #</th>
<th>% (wt.) (OPTIONAL)</th>
<th>ACGIH TLV/TWA/STEL</th>
<th>PPM</th>
<th>MG/M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl-dimethyl-benzyl-ammonium chloride</td>
<td>68391-01-5</td>
<td>0.14</td>
<td>None Established</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Alkyl-dimethyl-ethyl-benzyl-ammonium chloride</td>
<td>68956-79-6</td>
<td>0.14</td>
<td>None Established</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.

SKIN: Prolonged contact with skin may cause skin irritation.

EYES: Brief contact to liquid or vapors may cause moderate irritation; prolonged contact may cause severe irritation associated with burning and redness.

INGESTION: Ingestion of product may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY

NTP? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.
**SECTION 4 - FIRE FIGHTING MEASURES**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH POINT (METHOD USED)</td>
<td>200°F (SETA)</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**VENTILATION**

**LOCAL EXHAUST:** Recommended

**MECHANICAL (GENERAL):** Not required

**EXTINGUISHING MEDIA**

Carbon dioxide (CO₂), water, dry chemicals, synthetic foam. Type BC or ABC extinguishers.

**SPECIAL FIRE FIGHTING PROCEDURES**

Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool fire exposed containers and structures.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

Vapors can be heavier than air. Strong acids and bases react with aluminum to form hydrogen which is explosive if ignited.

**SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Provide adequate ventilation. Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers. Material collected with absorbent may be disposed of in a permitted landfill. Report per regulatory requirements.

**WASTE DISPOSAL METHODS**

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep container(s) tightly closed when not in use. Avoid inhalation of high concentration of vapors. Store in cool, dry, well-ventilated area away from possible sources of ignition. Keep this and other chemicals out of reach of children.

**SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION**

Ordinary, none required

**VENTILATION**

EYE PROTECTION

Safety glasses recommended

**MECHANICAL (GENERAL):** Not required

**PROTECTIVE GLOVES**

Use impervious gloves to prevent prolonged contact

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Ordinary, none required

**WORK/HYGIENIC PRACTICES**

Practice safe work habits. Use according to label instructions.

**SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>PROPERTY</th>
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<tbody>
<tr>
<td>BOILING POINT</td>
<td>200°F</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (WATER = 1)</td>
<td>1.01</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>-1.1°C</td>
</tr>
<tr>
<td>pH (1% solution in water)</td>
<td>11-12</td>
</tr>
<tr>
<td>EVAPORATION RATE (n-butyl acetate = 1)</td>
<td>Slower than ethyl ether</td>
</tr>
<tr>
<td>VOC, US EPA (%)</td>
<td>0</td>
</tr>
</tbody>
</table>

**SECTION 8 - STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>STABILITY</td>
<td>UNSTABLE: XXX</td>
</tr>
<tr>
<td>STABLE:</td>
<td>Conditions to Avoid Extreme temperatures</td>
</tr>
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**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Strong oxidizers; anionic materials

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit nitrous oxides, ammoniacal vapors.

**HAZARDOUS POLYMERIZATION**

MAY OCCUR: XXX

WILL NOT OCCUR: None known

**CONDITIONS TO AVOID**

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Ordinary, none required

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EYE PROTECTION

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**MECHANICAL (GENERAL):** Not required

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