MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: E3 FOAMING HAND SANITIZER

PRODUCT CODE: 27120  MANUFACTURER: Seatex Ltd.
STREET ADDRESS: 445 Tx-36  CITY STATE ZIP: Rosenberg, TX 77471
ISSUE DATE: 04-16-12  PHONE: (800) 829-3020
SUPERCEDES

EMERGENCY TELEPHONE NUMBER
1-800-535-5053

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS | CAS No. | OSHA PEL/TLV | ACGIH TLV | STEL | OTHER LIMITS
---|---|---|---|---|---
Benzalkonium | 8001-54-5/263-080-8 | N/E | N/E | N/E | N/A

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause gastrointestinal discomfort including irritation, nausea and diarrhea. Repeat /prolong contact may cause eye and skin irritation. May cause mucous membrane irritation.

POTENTIAL HEALTH EFFECTS

<table>
<thead>
<tr>
<th>INGESTION</th>
<th>Direct contact or exposure may cause irritation. Ingestion of large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>INHALATION</td>
<td>Direct contact or exposure to high concentration of mists or vapor may cause irritation.</td>
</tr>
<tr>
<td>EYE CONTACT</td>
<td>Direct contact can cause pain and irritation</td>
</tr>
<tr>
<td>SKIN CONTACT</td>
<td>Short periods of contact are not usually associated with skin irritation. Repeated direct contact can result in moderate irritation. Prolonged contact can result in moderate skin irritation.</td>
</tr>
</tbody>
</table>

SECTION 4 – FIRST AID MEASURES

INGESTION: Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

EYE CONTACT: Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.

SKIN CONTACT: Under normal conditions of use no skin irritation should occur.

NOTE TO PHYSICIAN: Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 – FIRE FIGHTING MEASURES

Reorder from CleanFreak.com
FLASH POINT / METHOD: N/A
FLAMMABLE LIMITS: N/A

% VOLATILE

EXTINGUISHING MEDIA
Use media suitable for the material that is burning.

SPECIAL FIRE FIGHTING PROCEDURES
Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

FIRE AND EXPLOSION HAZARDS: N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS
Absorb spills with vermiculite, fuller’s earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread.

SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS
Wash hands before eating.
Keep container tightly closed when not in use.

STORAGE PRECAUTIONS
Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 20-30°C. If material freezes, separates or becomes hazy, gently thaw at about 40°C prior to use. Mild agitation may be required.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES
Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.

ENGINEERING CONTROLS
No special ventilation requirements.

** OR **
Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

** OR **
Use local exhaust to remove vapors at the source. Eyewash station is recommended.

RESPIRATOR
Not necessary

GOGGLES / FACE SHIELD
Not necessary

APRON
Not necessary

GLOVES
Not necessary

BOOTS
Not necessary

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Clear colorless to light amber

BOILING POINT °C
100°C

ODOR
Mild odor

VAPOR PRESSURE
N/A

pH
5.0-7.0

VAPOR DENSITY
N/A
## SECTION 10 – STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>CHEMICAL STABILITY</th>
<th>STABLE</th>
<th>UNSTABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>No special precautions beyond standard safe industrial practices.</td>
<td></td>
</tr>
<tr>
<td>INCOMPATIBILITY</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>HAZARDOUS PRODUCTS OF DECOMPOSITION</td>
<td>Oxides of Carbon and Nitrogen on combustion.</td>
<td></td>
</tr>
<tr>
<td>POLYMERIZATION</td>
<td>WILL NOT OCCUR</td>
<td>MAY OCCUR</td>
</tr>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>Avoid contact with heat.</td>
<td></td>
</tr>
</tbody>
</table>

## SECTION 11 – TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.</td>
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</table>

### OTHER EFFECTS

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ACUTE</td>
<td>Irritation to eyes.</td>
</tr>
<tr>
<td>CHRONIC</td>
<td>NA</td>
</tr>
<tr>
<td>ORAL LD/50</td>
<td>NA</td>
</tr>
</tbody>
</table>

## SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Keep away from natural water sources. Observe all applicable federal, state, and local regulations. Remove all residue when emptying.

## SECTION 13 – TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT CLASSIFICATION</th>
<th>HAZARDOUS</th>
<th>NOT HAZARDOUS</th>
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<tbody>
<tr>
<td>DESCRIPTION</td>
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<tr>
<td>SEATEX HM CODE</td>
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</table>

## SECTION 14 – OTHER INFORMATION

### HMIS CLASSIFICATION

<p>| | |</p>
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>1 BLUE</td>
<td>HEALTH HAZARD</td>
</tr>
<tr>
<td>0 RED</td>
<td>FLAMMABILITY</td>
</tr>
<tr>
<td>0 YELLOW</td>
<td>REACTIVITY</td>
</tr>
<tr>
<td>N/A WHITE</td>
<td>SPECIAL HAZARD</td>
</tr>
</tbody>
</table>

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Seatex Ltd in connection with the use of this information.

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