

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	E3 FOAMING HAND SANITIZER		
PRODUCT CODE	27120	MANUFACTURER	Seatex Ltd.
ISSUE DATE	04-16-12	STREET ADDRESS	445 Tx-36
SUPERCEDES		CITY STATE ZIP	Rosenberg, TX 77471
		PHONE	(800) 829-3020

EMERGENCY TELEPHONE NUMBER
1-800-535-5053

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	<u>EXPOSURE LIMITS</u>		OTHER LIMITS
			ACGIH TLV	STEL	
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.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Direct contact or exposure may cause irritation. Ingestion of large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.
INHALATION	Direct contact or exposure to high concentration of mists or vapor may cause irritation.
EYE CONTACT	Direct contact can cause pain and irritation
SKIN CONTACT	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.

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

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.
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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

SPECIFIC GRAVITY@ 20°C	1.00 _+0.02	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Soluble		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	None known					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of Carbon and Nitrogen on combustion.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Avoid contact with heat.					

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENCITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	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,Z

OTHER EFFECTS

ACUTE	Irritation to eyes.
CHRONIC	NA
ORAL LD/50	NA

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.
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION						
SEATEX HM CODE						

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

1	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
N/A	WHITE	SPECIAL HAZARD

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.