

MATERIAL SAFETY DATA SHEET

SECTION 1.

CHEMICAL PRODUCT & COMPANY IDENTIFICATION

DISTRIBUTOR'S NAME: Best Sanitizers, Inc.
 ADDRESS: 154 Mullen Drive
 Walton, KY 41094
 REGULAR TELEPHONE: 888-225-3267
 TRADE NAME: HACCP Q E2 Liquid Soap
 EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300
 SYNONYMS: E2 Sanitizing Liquid Soap

SECTION 2.

COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL/COMPONENT:	CAS #	%	HAZARD DATA
<u>Non Hazardous</u>			
Benzalkonium Chloride	8001-54-5	< 0.15	
Glycerin	56-81-5	<10	OSHA PEL 15mg/m ³ , ACGIH-TLV 10mg/m ³

SECTION 3.

HAZARDS INFORMATION

EMERGENCY OVERVIEW DESCRIPTION: A clear hand soap with a mild odor.
 NOTE: WARNINGS BELOW ARE FOR EXPOSURE TO LARGE QUANTITIES OF THE PRODUCT.
 NORMAL USAGE SHOULD NOT CREATE HAZARDOUS CONDITIONS.

ROUTES OF EXPOSURE:

INHALATION: None expected under foreseeable conditions.
 SKIN CONTACT: None anticipated under foreseeable use conditions. Prolonged or repeated skin contact with this product may cause irritation in sensitive individuals
 SKIN ABSORPTION: See skin contact. Excessive contact time not anticipated with normal use.
 EYE CONTACT: May cause eye irritation.
 INGESTION: May cause nausea and vomiting. Ingestion of large amounts can cause drowsiness, unconsciousness, cramps and even death

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE: Irritation of skin, eyes and mucous membranes. (See also skin contact & ingestion.)
 CHRONIC OVEREXPOSURE: Persons with existing skin problems should consult a physician before consistent use of this product.

SECTION 4.

EMERGENCY & FIRST AID PROCEDURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Hold eyelids apart while flushing. Get medical attention if irritation persists.
 SKIN: For accidental exposure to large quantities, not normal usage. Immediately flush with water.
 INHALATION: For accidental exposure to large quantities, not normal usage. Move person to fresh air. If breathing stops, give artificial respiration, get medical attention immediately.
 INGESTION: If swallowed seek medical attention or call poison control. Never give anything by mouth to an unconscious person.

SECTION 5.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), dry chemicals, water fog or foam where this product is stored.
 SPEC. FIRE FIGHT PROCEDURES: Caution: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots, including a positive pressure NIOSH breathing apparatus). Cool fire exposed containers with water spray.
 UNUSUAL FIRE & EXPOSURE HAZARD: Containers exposed to heat from fires should be cooled with water spray to prevent pressure build up which could rupture container, containers exposed to direct flame should be cooled with large quantities of water.

SECTION 6.

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 Stop spill. Contain spill. Absorb on inert material such as sand, clay, etc. Shovel into approved containers, close, label and send to approved hazardous chemical dump. Neutralize remaining traces. Flush area with water.
 NEUTRALIZING CHEMICALS: NA
 WASTE DISPOSAL METHOD:
 The materials resulting from clean-up operations may be hazardous wastes and therefore subject to specific regulations. Package, store, transport and dispose of all clean-up materials in accordance with all applicable federal, state and local health and EPA regulations.

SECTION 7.

HANDLING & STORAGE REQUIREMENTS

STORE IN A COOL, DRY PLACE, KEEP AWAY FROM HEAT. KEEP AWAY FROM HYPOCHLORITE AND STRONG OXIDIZERS.

HACCP Q E2 Sanitizing Liquid Soap

Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid products in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash-fire can result. Keep containers closed when not in use. Use with adequate ventilation.

Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Use exhaust ventilation to keep airborne concentrations below exposure limits. Special ventilation not usually required. (Glycerin: OSHA PEL 15mg/m³, ACGIH-TLV 10mg/m³)

PERSONAL PROTECTIVE EQUIPMENT: SHOULD ONLY BE NEEDED IF HANDLING LARGE QUANTITIES NOT FOR NORMAL USAGE.

Respiratory: Avoid breathing mists or vapors. Use of NIOSH/MSHA approved respirator protection is required when TLV values for airborne materials are met or exceeded. Respiratory protection must be in compliance with 29 CFR 1910.134 & other applicable regulation.

Eye: OSHA approved chemical splash goggles. NEVER WEAR CONTACT LENSES. Eye protection must conform to ANSI Z87.1 - 1989.

Gloves: Always wear permeation resistant gloves (neoprene, butyl & other rubbers). Consult with glove manufacturer for most resistant glove to material handled.

Other clothing equipment: Impervious protective clothing such as rain suits and rubber boots. An emergency eye wash and shower should be in the chemical storage area plus in any area where chemicals are mixed.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT:	-212°F	MELTING POINT:	NA
FREEZING POINT:	NA	SPECIFIC GRAVITY (H₂O=1):	1.0
VAPOR PRESSURE:	NA	VAPOR DENSITY (AIR=1):	NA
SOLUBILITY IN H₂O, % BY WT:	Soluble	% VOLATILE BY VOLUME:	<90
EVAPORATION RATE:	NA	APPEARANCE & ODOR:	Clear solution with a mild odor
pH:	5.5-7.0		

SECTION 10. STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY: Under normal conditions, this product is stable.

INCOMPATIBILITY: Do not mix with strong oxidizing agents. Keep away from ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

CONDITIONS CONTRIBUTING TO HAZ. POLYMERIZATION: None

SECTION 11. TOXICOLOGICAL INFORMATION

Consult Section 3. If more detailed information is required, write to the address listed in Section 1, Attention: Technical Department.

SECTION 12. ECOLOGICAL INFORMATION

This product does not contain phosphates.

SECTION 13. DISPOSAL CONSIDERATION

The materials resulting from clean-up operations may be hazardous wastes and therefore subject to specific regulations. Package, store, transport and dispose of all clean-up materials in accordance with all applicable federal, state and local health & EPA regulations.

SECTION 14. TRANSPORT INFORMATION

Non Hazardous

SECTION 15. REGULATORY INFORMATION

HCS Classification: NA

U. S. Federal Regulations: SARA 302/304/311/312 Extremely Hazardous Substances: No products found

SARA 302/304 Emergency Planning and Notification: No products found

TSCA 8(b) inventory: All materials listed or exempt

SECTION 16. OTHER INFORMATION

HMIS Rating: Health 1, Flammability 0, Physical Hazards 0

All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is not beyond our control, no guarantee expressed or implied, is made by Best Sanitizers, Inc. as to the effect of such use, the results to be obtained, or the safety and toxicity of the product nor does Best Sanitizers, Inc. assume liability arising out of use by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions exist because of applicable laws or government regulations.

PREPARED BY: Duncan C. Badertscher

DATE: 2 May 2014