

**Best Sanitizers HACCP E2 Hand Soap**  
**MATERIAL SAFETY DATA SHEET**

**1. PRODUCT IDENTIFICATION**

**Synonym:** E2 Hand Soap

**Chemical Family:** Hand Soap

**Manufactured For:** BEST SANITIZERS,  
P.O. Box 1360, 17320 Penn Valley Drive  
Penn Valley, Ca 94946

Emergency Information: CHEMTREC toll-free, 24-hour emergency telephone number,  
800-424-9300 or Best Sanitizers 1 (888) 225-3267, 8-5 Pacific Standard Time.

**Other Information:** N/A

**Precautions:** Keep away from high heat, sparks, flame and all other ignition sources. Avoid contact with eyes or mucous membranes where prolonged contact causes irritation.

**Date Revised:** September 23, 2004

**2. HAZARDOUS INGREDIENTS**

			Exposure Limits In Air (ppm)			
Chemical Names	CAS Numbers	Percent*	ACGIH TLV	OSHA	PEL	Other (specify)
PCMX	88-04-0	1.5	NA	NA	NA	

**3. PHYSICAL PROPERTIES**

Vapor Density:	NA	Physical State:	liquid
Vapor Pressure:	NA	Color:	AMBER
Specific Gravity:	0.97	Odor:	mild
Melting Point:	NA	Miscibility:	In water
Boiling Point:	212 degrees F	Stability:	>5 years
Viscosity:	LIQUID	Corrosion:	non-corrosive

**4. FIRE AND EXPLOSION**

Flash point: N/A

Auto-ignition temperature: N/A

Flammable limits in air, volume %: lower N/A; upper N/A

NFPA Rating: Health (1), Fire (0), Reactivity (0) (Does not apply to exposure hazards other than during a fire.)

FIRE FIGHTING PROCEDURES: Use dry chemical, "alcohol foam", carbon dioxide or water.

Water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse. Protect persons attempting to stop a leak. Water may be used to flush and dilute spills.

**5. HEALTH HAZARD INFORMATION**

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure:

INHALATION: Unlikely to occur.

SWALLOWED: Unlikely to occur.

SKIN & EYE CONTACT: Causes no skin irritation if used as directed.

May cause eye irritation.

INGESTION: May cause stomach distress, nausea or vomiting.

**HEALTH EFFECTS FROM EXPOSURE**

ACUTE/CHRONIC: No special acute or chronic effects or risks are expected from usage as directed on label.

Brief, repeated daily use as a hand soap is not harmful.

Brief contact with eyes, conjunctiva or other mucous membranes may cause temporary irritation.

#### FIRST AID, EMERGENCY PROCEDURES

**EYE CONTACT:** Immediately flush affected area with plenty of cool water for at least 15 minutes. GET MEDICAL ATTENTION if irritation persists.

**INHALATION:** Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:** If victim is conscious and able to swallow, have victim drink water to dilute. Never give victim anything by mouth if victim is unconscious or having convulsions. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. Induce vomiting only if advised by physician or poison control center.

**SUSPECTED CANCER AGENT?**

No. This products ingredients are not found in Federal OSHA, NTP or IARC lists.

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known use as directed.

#### 6. REACTIVITY DATA

**STABILITY:** Stable at room temperature for at least 5 years in a tightly closed container.

**CONDITIONS AND MATERIALS TO AVOID:** Contact with high heat and a wide range of strong oxidizing agents which may react violently.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide can form upon incomplete combustion.

**HAZARDOUS POLYMERIZATION:** None likely.

#### 7. SPILL, LEAK AND DISPOSAL PROCEDURES

**ENVIRONMENTAL PRECAUTIONS:** Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implanted.

**SPILL OR LEAK PROCEDURES:** In case of large spills, wear appropriate respiratory protection. Contain spilled material. Transfer to secure containers. Where necessary, collect spilled product using absorbent media. Dilute spill with water and directly flow to any available sanitary drain. In the event of an uncontrolled release of this product, the user should determine if the release is reportable under applicable laws and regulations.

**WASTE DISPOSAL:** All recovered product may be dispensed along with water through normal sanitary sewage systems in gradual releases.

Note: Dispose of all wastes in accordance with federal, state and local regulations.

#### 8. SPECIAL HANDLING INFORMATION

**VENTILATION:** Adequate ventilation should be available for all uses of this product.

**RESPIRATORY PROTECTION:** Where exposure is likely to exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. For normal use of product as a skin lotion, no respirators are deemed necessary.

**EYE PROTECTION:** Contact of product with the eyes is not expected or anticipated in the normal use; however, if there is a possibility of splashing or other means of contact with eyes, chemical safety goggles meeting the specifications of ANSI Standard Z87. 1 should be worn.

**GLOVES OR OTHER PROTECTIVE CLOTHING:** No protective gloves or clothing are deemed necessary for normal application of product as hand soap. Persons handling large quantities may wish to use gloves to avoid skin irritation.

**STORAGE:** Store product in cool place away from areas of high heat, flames or potential sparks. Empty containers may be discarded in trash after rinsing with water.

N/A = Not Applicable