

Sterile Buffered Isotonic Saline Solution

[MSDS] Material Safety and Data Sheet

Part No. 90330EN

REVISION DATE: Sept. 2012

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Sterile Buffered Isotonic Saline Solution Item #: 01110787

Distributor: Encon Safety Products
ADDRESS: PO Box 3826 Houston, TX 77253-3826 U.S.A.
PHONE: 1.800-283-6266
E-mail: customerservice@enconsafety.com

2. IDENTITY INFORMATION / HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA-PEL	ACGIH-TLV	OTHER	% (optional)
BENZALKONIUM CHLORIDE CAS # 8001-54-5	NONE	NONE	N/A	<0.1%

3. PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 200° (93.3° C)
SPECIFIC GRAVITY: 1.01
VAPOR PRESSURE (MM/HG.): 760
VAPOR DENSITY (AIR=1): NOT DETERMINED
MELTING POINT: N/A
EVAPORATION RATE (BUTYL ACETATE=1): NOT DETERMINED
SOLUBILITY IN WATER: 100%
APPEARANCE & ODOR: Clear, odorless liquid with no discernable odor.

4. FIRE & EXPLOSION HAZARD DATA

FLASHING POINT: N/A
FLAMMABLE LIMITS: LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: N/A. This is a nonflammable aqueous solution.
SPECIAL FIRE FIGHTING PROCEDURES: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

5. REACTIVITY DATA

STABILITY: Unstable? No. Stable? Yes. Conditions to avoid:
CONDITIONS TO AVOID: This product is stable & considered non-reactive under normal conditions of storage & use.
INCOMPATIBILITY (MATERIALS TO AVOID): None known
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None
HAZARDOUS POLYMERIZATION: May Occur? No. Will not Occur? Yes.
CONDITIONS TO AVOID: None

6. HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation? No. Skin? No. Ingestion? Yes.
HEALTH HAZARDS (ACUTE & CHRONIC): Ingestion of volumes in excess of 20 liters may cause gastric irritation.
CARCINOGENICITY: NTP? No. IARC Monographs? No. OSHA Regulated? No.
SIGNS & SYMPTOMS OF EXPOSURE: None
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A
EMERGENCY FIRST AID PROCEDURES: Notes to physician: In the unlikely event of rapid ingestion of large volumes of this solution, induce vomiting and observe for gastric irritation.

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SAFETY PRODUCTS

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7. PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKING IN CASE MATERIAL IS SPILLED OR RELEASED: Flush area with water. The solution is not RCRA hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not freeze or expose to temperatures in excess of 110° F (43° C) for extended periods.

WASTE METHOD DISPOSAL: No special precautions

OTHER PRECAUTIONS: No special precautions

8. CONTROL MEASURES

RESPIRATORY PROTECTION: N/A

PROTECTIVE GLOVES: N/A

EYE PROTECTION: N/A

OTHER PROTECTIVE CLOTHING: N/A

WORK HYGIENIC PRACTICES: N/A

VENTILATION: N/A

LOCAL EXHAUST: N/A

MECHANICAL: N/A

SPECIAL: N/A

OTHER: N/A