



MSDS

MATERIAL SAFETY DATA SHEET

FOR IN VITRO DIAGNOSTIC USE ONLY

PRODUCT IDENTIFICATION

Trade Name: Synermed Alkaline Phosphatase Buffer
Catalog Number: VI021A

HAZARDOUS INGREDIENTS

The information presented for each chemical entity in this MSDS represents data available for that individual chemical, and not for the reagent mixture.

<u>Chemical Name</u>	<u>%</u>	<u>CAS No.</u>	<u>Hazard</u>
Diethanolamine	11.4%	111-42-2	Corrosive

PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: 514EC
Specific Gravity: 1.09
Melting Point: 27-30EC
Appearance and Odor: Colorless, slightly ammoniacal liquid

PHYSICAL HAZARD

Flash Point: 342EF (PMCC)
Fire and Explosion: May emit toxic fumes. A solid stream of water directed into hot, burning liquid could cause violent frothing. Wear self-contained breathing apparatus during fire fighting.
Reactivity Data: Stable
Incompatibility: Oxidizing material, copper and copper alloys, Acids, Zinc and galvanized iron. May emit carbon monoxide, carbon dioxide and nitrogen oxides

HEALTH HAZARDS

Route of entry: Skin, inhalation and ingestion
Signs of exposure: Lethargy, respiratory, skin or eye irritation.
Toxicity: Oral LD50 (rat) 710 mg/kg, Eye (rabbit) 5500 mg severe
Threshold Limit: None
Carcinogenicity: IARC Monograph? No
NTP? No
OSHA regulated? No

EMERGENCY FIRST AID

1. Inhalation - Move to fresh air. If not breathing, give CPR. Call a physician.
2. Eyes and Skin - Flush with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes, discard contaminated shoes. Call a physician.
3. Ingestion - Drink 2 glasses of water and induce vomiting if conscious. Call a physician.

PRECAUTIONS FOR SAFE HANDLING

Spill response: Absorb on sand or vermiculite and place in closed container for disposal.
Ventilate and wash spill site when cleanup is complete.

Waste disposal: Burn in chemical incinerator according to federal, state and local laws.

CONTROL MEASURES

Respiratory Protection: OSHA/MSHA organic vapor respirator.
Ventilation: Use in well ventilated area.
Eye Protection: Safety goggles
Skin Protection: Wear apron and gloves. Maintain safety shower and eye wash.

MANUFACTURER'S NAME AND ADDRESS

SYNERMED INTERNATIONAL, INC.
17408 TILLER COURT, SUITE 1900
WESTFIELD, IN 46074
USA
(317) 896-1565

DATE OF PREPARATION OR LAST REVISION

February 26, 2007

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Synermed shall not be held liable for any damage resulting from handling or from contact with the above product. Synermed provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.