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# MSDS

## MATERIAL SAFETY DATA SHEET

FOR IN VITRO DIAGNOSTIC USE ONLY

### PRODUCT IDENTIFICATION

Trade Name: Synermed AMP Alkaline Phosphatase Buffer  
Catalog Number: VI121A

### 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>
2-amino-2-methyl-1-propanol	3%	124-68-5	Irritant

### PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: 165EC  
Freezing Point: 22EC  
Vapor Density: 3.04  
Appearance and Odor: Colorless viscous liquid; faint amine odor  
Solubility in Water: Soluble

### PHYSICAL HAZARD

Fire and Explosion: Combustible  
Conditions of Reactivity: Heat, contact with ignition contained  
Stability: Normally Stable  
Incompatibility: Oxidizers, acids, copper brass, aluminum.  
Haz. Decom. Prod.: Carbon monoxide, carbon dioxide, nitrogen oxides and ammonia.

### HEALTH HAZARDS

Route of entry: Skin, inhalation and ingestion  
Signs of exposure: Skin, eyes and inhalation - causes irritation  
Acute Exposure Effects: Material is irritating to eyes, mucous membranes and upper respiratory tract. It also causes a burning sensation, coughing, wheezing, laryngitis, shortness of breath, headaches, nausea and vomiting.  
Toxicity: LD50: 2900 mg/kg (oral-rat)  
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. Call a physician.
3. Ingestion - Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 200-400 mL of water to dilute. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Immediately call a physician.

## **PRECAUTIONS FOR SAFE HANDLING**

Spill response:                      Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on inert absorbent materials. Shut off all sources of ignition. Ventilate area and wash spill site after material pickup is complete. Thoroughly wash area with soap and water.

Waste disposal:                     Follow all federal, state and local laws.

## **CONTROL MEASURES**

Respiratory Protection:         NIOSH/MSHA approved respirator.  
Ventilation:                        Mechanical exhaust required.  
Eye Protection:                  Safety goggles, safety shower and eye bath.  
Skin Protection:                 Compatible chemical-resistant gloves, plastic apron.

## **MANUFACTURER'S NAME AND ADDRESS**

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WESTFIELD, IN 46074  
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## **DATE OF PREPARATION OR LAST REVISION**

January 2, 2002

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