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# MSDS

## MATERIAL SAFETY DATA SHEET

FOR IN VITRO DIAGNOSTIC USE ONLY

### PRODUCT IDENTIFICATION

Trade Name: Synermed Alkaline Phosphatase Substrate  
Catalog Number: VI121B

### HAZARDOUS INGREDIENTS

In 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>
p-nitrophenylphosphate	100%	14545-82-5	Corrosive

### PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point	N/A
Specific Gravity:	N/A
Melting Point:	199-200EC
Appearance and Odor:	White crystalline solid
Solubility in Water:	Soluble

### PHYSICAL HAZARD

Flash Point:	N/A
Fire and Explosion:	Extinguishing media: Carbon dioxide, water, dry chemical foam. Wear self-contained breathing apparatus during fire fighting.
Reactivity Data:	Stable
Incompatibility:	Oxidizers
Decomp. Prod.:	Forms carbon and nitrogen oxides.

### HEALTH HAZARDS

Route of entry:	Skin, inhalation and ingestion	
Signs of exposure:	None established	
Toxicity:	None established	
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. Thoroughly wash skin with soap and water. Call a physician.
3. Ingestion - Immediately call a physician.

## **PRECAUTIONS FOR SAFE HANDLING**

Spill response: Stop leak if possible. Sweep area or spilled material and collect for later disposal.  
Thoroughly wash area with soap and water.

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

## **CONTROL MEASURES**

Respiratory Protection: Wear dust mask in high dust area.  
Ventilation: Local  
Eye Protection: Safety goggles  
Skin Protection: Wear gloves.

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

SYNERMED INTERNATIONAL, INC.  
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WESTFIELD, IN 46074  
USA  
(317) 896-1565

## **DATE OF PREPARATION OR LAST REVISION**

February 26, 2007

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