

# MATERIAL SAFETY DATA SHEET

## PHOSPHORUS REAGENT

### SDI Biomed, Inc.

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### DATE OF PREPARATION

JANUARY, 2007

### I PRODUCT IDENTIFICATION

CHEMICAL / PRODUCT NAME: **SDI PHOSPHORUS LIQUID REAGENT**  
PRODUCT CATALOG NO: 43717

### II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>INGREDIENT</u>	<u>CAS No.</u>	<u>%</u>
Sulfuric Acid	7664-93-9	2.5%
Ammonium Molybdate	12054-85-2	<1%

In compliance with OSHA's HAZARD COMMUNICATIONS STANTARD (29CFR 1910.1200) a chemical mixture is considered hazardous if it contains 1% (one percent) or more of a hazardous compound.

### III PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance and odor:	Clear Liquid
Boiling Point:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Melting Point:	Not Available
Evaporation Rate:	Not Available
Specific Gravity:	Not Available
Solubility in Water:	Complete

### IV FIRE AND EXPLOSION HAZARD DATA

Fire:	Not considered to be a fire hazard.
Explosion:	Not considered to be an explosion hazard.
Extinguishing Media:	Use water spray, carbon dioxide, dry chemical powder, or appropriate foam to cool fire exposed containers.
Special Fire Fighting Procedures:	Not Available

### V REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Not Available

Incompatibility: Not Available  
Hazardous Decomposition of Byproducts: Toxic gases and vapors may be released if involved in a fire.  
Hazardous Polymerizations: Will Not Occur  
Conditions to Avoid: Not Available

## **VI HEALTH HAZARD DATA**

Primary Route(s) of Entry: Inhalation, ingestion, skin absorption.  
Short-Term/Long Term  
Effect of Exposure: Direct contact with eyes and skin may cause irritation. Ingestion of large amounts may cause nausea, vomiting and diarrhea.  
Contact with solution may cause an allergic skin reaction in rare instances.

The toxicological properties of this material have not been investigated. Exercise appropriate care to avoid direct contact with skin and eyes.

## **VII EXPOSURE EFFECTS**

Not Available

## **VIII SYMPTOMS**

Not Available

## **IX FIRST AID**

Ingestion: Seek medical advice if ingestion is suspected.  
Skin: Immediately flush with copious amounts of water.  
Eye: Immediately flush with copious amounts of water.

## **X VENTILATION AND PERSONAL PROTECTION**

Ventilation: Not Required  
Respiratory Protection: Not Required  
Skin: Gloves and Laboratory Coat Required  
Eyes: Protection Required  
In general, good laboratory procedures should be followed.

## **XI SPECIAL STORAGE AND DISPOSABLE PROCEDURES**

Not Applicable

## **XII SPILL, LEAK AND DISPOSAL PROCEDURES**

Spillage: Flush affected area with water.  
Disposal: Flush to sewer with excess water. Disposal may be subject to Federal, State or Local Laws.

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