MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses. Click <a href="http://www.lookchem.com/cas-134/1343-93-7.html">http://www.lookchem.com/cas-134/1343-93-7.html</a> for suppliers of this product.

Composition/Information on Ingredient Cas: 1343-93-7 Code:

Code: Χ Name: PHOSPHOTUNGSTIC ACID **Other REC Limits:** 

Μ

RTECS:

NONE RECOMMENDED **OSHA PEL:** NOT ESTABLISHED Code: Μ **OSHA STEL:** 

Code: **ACGIH TLV:** NOT ESTABLISHED Code: Μ

**ACGIHSTEL:** NΡ Code: **Control Measures** 

**Respiratory Protection:** 

NOT NEEDED IN NORMAL SERVICE. **Ventilation:** 

USE GENERAL DILUTION VENTILATION.

**Protective Gloves:** RUBBER OR IMPERVIOUS **Eye Protection:** SAFETY GLASSES

**Other Protective Equipment:** Equipment LAB COAT.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER. **Work Hygienic Practices:** USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.

**Supplemental Safety and Health:** NONE 3 Health Hazards Data

LD50LC50Mixture: LD50 FOR THIS PRODUCT IS NOT ESTABLISHED **Route Of Entry Inds - Inhalation:** NO Skin: YES **Ingestion:** NO **Carcinogenicity Inds - NTP: IARC:** NO

OSHA: NO **Health Hazards Acute And Chronic:** PRIMARY ROUTE OF ENTRY IS BY SPLASHING ON SKIN OR EYES.EYES: MAY CAUSE IRRITATION.SKIN: MAY CAUSE IRRITATION.INGEST/INHAL: NOT A LIKELY ROUTE OF EXPOSURE. **Explanation Of Carcinogenicity:** THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA. Signs And Symptions Of Overexposure: SKIN/EYES: IRRITATION. **Medical Cond Aggravated By Exposure:** MANUFACTURER STATES NONE. First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES. INHAL: REMOVE TO FRESH

AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST: DO NOT INDUCE VOMITING.GET PROMP T QUALIFIED MEDICAL ATTENTION. **Spill Release Procedures:** VENTILATE AREA.MOP OR SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY); PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL; CLEAN SPILL AREA TO REMOVE SLIPPERINESS. HMIS SUGGESTS TREA T PRODUCT CONTAM W/ HUMAN SERUM AS BIOHAZARD. **Neutralizing Agent:** NONE **Waste Disposal Methods:** DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. HMIS SUGGESTS TREATING MATERIAL WHICH HAS BEEN CONTAMINATED WITH HUMAN SERUM AS A BIOHAZARD.

**Handling And Storage Precautions:** 2 STORE IN A COOL, DRY, WELL-VENTILATED PLACE BETWEEN 20-25C(68-77F). KEEP CONTAINER CLOSED WHEN NOT IN USE. **Other Precautions:** FOLLOW LABEL DIRECTIONS.AVOID BREATHING MISTS.AVOID SKIN AND EYE CONTACT. Fire and Explosion Hazard Information Flash Point Method: N/P

IF POSSIBLE, REMOVE THIS ITEM FROM THE FIRE SCENE. USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE

Flash Point:

N/K

N/K

**Lower Limits:** 

**Upper Limits:** 

EQUIPMENT.

HCC: N1

N/R

NRC/State LIC No:

**Boiling Point:** 

Melt/Freeze Pt:

M.P/F.P Text:

**Decomp Temp:** 

**Decomp Text:** UNKNOWN

**Vapor Pres:** 

Vapor Density:

**Spec Gravity:** 

**VOC Pounds/Gallon:** 

**VOC Grams/Liter:** 

Solubility in Water:

**Corrosion Rate:** UNKNOWN

**Stability Indicator:** 

**Materials To Avoid:** 

**Appearance and Odor:** 

**Percent Volatiles by Volume:** 

Reactivity Data

**Stability Condition To Avoid:** 

NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:** NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:** 

**Conditions To Avoid Polymerization:** 

**Toxicological Information** 

**Regulatory Information** 

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

Other Information

www.lookchem.com

Other Information:N/P

**MSDS Transport Information** 

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

**Evaporation Rate & Reference:** 

LIQUID; CLEAR, COLORLESS. ODOR NOT REPORTED.

HIGH HEAT, SOURCES OF IGNITION, EXCESSIVE PRESSURES.

**Volatile Org Content %:** 

**B.P. Text:** 

N/K

N/K

N/R

N/R

N/K

PH: N/K

Viscosity: N/K

**COMPLETE** 

N/K

N/K

YES

NO

N/R

Information:N/P

Information:N/P

**Net Prop WT For Ammo:** 

**Extinguishing Media:** 

Fire Fighting Procedures:

**Unusual Fire/Explosion Hazard:** NONE SPECIFIED BY MANUFACTURER.

USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Physical/Chemical Properties

Flash Point Text: >392F,>200C

**Autoignition Temp:** 

**Autoignition Temp Text:**