

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-100/10039-56-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

10039-56-2

**Code:**

M

**RTECS:**

SZ5640000

**Code:**

M

**Name:**

PHOSPHINIC ACID, SODIUM SALT, MONOHYDRATE

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

WEAR A NIOSH/MSHA APPROVED RESPIRATOR AS NECESSARY.

**Ventilation:**

LOCAL EXHAUST: WHEN HEATED FOR USE.

**Protective Gloves:**

HEAT RESISTANT RUBBER

**Eye Protection:**

SAFETY GLASSES W/SIDE SHIELDS

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHING

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

MAY CAUSE IRRITATION/SENSITIZATION OF EYES, SKIN/LUNGS.

**Explanation Of Carcinogenicity:**

SEE INGREDIENTS S.

**Signs And Symptoms Of Overexposure:**

MAY CAUSE IRRITATION/SENSITIZATION OF EYES, SKIN/LUNGS.

**Medical Cond Aggravated By Exposure:**

NICKEL ITCH/ASTHMA IN PERSONS HYPERSENSITIVE TO NICKEL.

**First Aid:**

EYES/SKIN: FLUSH W/WATER FOR AT LEAST 15 MINS. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

FLUSH W/WATER, COLLECT IN SUITABLE CONTAINER. AVOID INTRODUCTION INTO WATER TREATMENT SYSTEMS UNABLE TO HANDLE STRONG CHELATING AGENTS.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN DRY, WELL VENTILATED AREA AWAY FROM FLAMMABLE MATERIALS, OXIDIZING AGENTS, & SOURCES OF HEAT/FLAME. FREEZING MAY RENDER PRODUCT UNUSABLE.

**Other Precautions:**

AVOID CONTACT W/EYES, SKIN OR CLOTHING, & BREATHING MIST.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

N/K

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER/OTHER STANDARD FIRE FIGHTING TECHNIQUES. 3

**Fire Fighting Procedures:**

WEAR FULL FACE, SELF CONTAINED BREATHING APPARATUS & IMPERVIOUS PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**

EXCESS HEAT/FIRE CONDITIONS CAN GENERATE PHOSPHINE GAS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**

N/K

**Decomp Temp:**

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

**Spec Gravity:**

1.3

**VOC Pounds/Gallon:**

**PH:**

N/K

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

GREEN LIQUID

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Reactivity Data**

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

EXCESS HEAT, FREEZING, SOURCES OF HEAT/FLAME.

**Materials To Avoid:**

STRONG OXIDIZERS

**Hazardous Decomposition Products:**

PHOSPHINE GAS

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

**Physical/Chemical Properties:**

N/P

**Environmental Information:**

N/P

**Other Information:**

N/P