

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-764/7646-93-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7646-93-7

**Code:**  
M

**RTECS:**  
TS7200000

**Code:**  
M

**Name:**  
POTASSIUM HYDROGEN SULFATE,FUSED.CAS NO. & RTECS

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NONE NORMALLY REQUIRED.

**Ventilation:**  
MECHANICAL (GENERAL)

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment SAFETY SHOWER AND EYEBATH.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
KEY1:T6. THIS ITEM IS PART OF A CHEMICAL KIT . PARTS TO THE KIT ARE LISTED UNDER THIS NSN AND PN IND A-K. THE KIT IS SHIPPED INTACT WITH ALL PARTS. THE PSN FOR SHIPPING IS BASED ON THE MOST HAZARDOUS I TEM IN THE KIT.

## Health Hazards Data

**LD50LC50Mixture:**  
NOT KNOWN

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
EYES/SKIN:IRRITATION.INGESTION:IRRITATING TO MUCOUS MEMBRANES.INHALATION:MAY BE IRRITATING TO LUNGS.POSSIBLE TIGHTNESS IN CHEST,COUGHING.

**Medical Cond Aggravated By Exposure:**  
NONE

**First Aid:**  
3 EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN:FLUSH WITH PLENTY OF WATER. INHALATION:REMOVE TO FRESH AIR.CONTACT A PHYSICIAN.

**Spill Release Procedures:**  
WEAR APPROPRIATE PROTECTIVE EQUIPMENT.SWEEP UP AND COLLECT FOR DISPOSAL.

**Neutralizing Agent:**  
NOT KNOWN

**Waste Disposal Methods:**  
DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL,STATE, AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL (FP A).

**Handling And Storage Precautions:**  
KEEP AWAY FROM HEAT,SPARKS,AND OPEN FLAME.

**Other Precautions:**  
AVOID CONTACT WITH EYES,SKIN AND CLOTHING.DO NOT BREATHE DUST.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NOT KNOWN

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
NOT KNOWN

**Upper Limits:**  
NOT KNOWN

**Extinguishing Media:**  
FOR SMALL FIRES,EXTINGUISH WITH LARGE QUANTITIES OF WATER.OTHERWISE CLASS D FIRE EXTINGUISHING MATERIAL ONLY.

**Fire Fighting Procedures:**  
NONE NORMALLY REQUIRED.

**Unusual Fire/Explosion Hazard:**  
4 MAY EMIT TOXIC FUMES OF SULFUR OXIDES AND ZINC OXIDES.

## Physical/Chemical Properties

**HCC:**  
T2

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NOT KNOWN

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
NOT KNOWN

**Decomp Temp:**

**Decomp Text:**  
NOT KNOWN 5

**Vapor Pres:**  
NOT KNOWN

**Vapor Density:**  
NOT KNOWN

**Volatile Org Content %:**

**Spec Gravity:**  
NOT KNOWN

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/R

**Evaporation Rate & Reference:**  
NOT KNOWN

**Solubility in Water:**  
PARTIAL

**Appearance and Odor:**  
ODORLESS,SILVER-GRAY POWDER.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT,SPARKS,OPEN FLAME.

**Materials To Avoid:**  
STRONG ACIDS AND BASES,AMINES,CADMIUM,SULFUR.

**Hazardous Decomposition Products:**  
SULFUR OXIDES,ZINC OXIDES.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

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

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P