

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-167/16731-55-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
16731-55-8  
**Code:**  
M

**RTECS:**  
TT4920000  
**Code:**  
M

**Name:**  
POTASSIUM BISULFITE

**Other REC Limits:**  
N/P 3

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE EXPECTED TO BE NECESSARY.

**Ventilation:**  
5 NORMAL ROOM VENTILATION. USE LOCAL EXHAUST AS NEEDED.

**Protective Gloves:**  
RUBBER,PLASTIC, OTHER IMPERVIOUS.

**Eye Protection:**  
SAFETY GLASSES OR SPLASH GOGGLES.

**Other Protective Equipment:**  
Equipment RUBBER OR PLASTIC APRON.

**Work Hygienic Practices:**  
USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

**Supplemental Safety and Health:**  
MSDS OSHA 20 DATED 30JAN78. SOLN PH APPROX 4.5. PART D OF FIVE PART KIT.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
PRODUCT IS A STRONG IRRITANT AND MAY CAUSE ALLERGIC DERMATITIS.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
EYE:IRRITATION,BURNS. SKIN:IRRITATION,ALLERGIC DERMATITIS. INHALED:UNLIKELY EXPOSURE. INGESTED:G/I IRRITATION,ESOPHAGIAL BURNS.

**Medical Cond Aggravated By Exposure:**  
NONE REPORTED.

**First Aid:**  
EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE LARGE QUANTITY OF MILK OR WATER.(NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE.

**Spill Release Procedures:**  
ABSORB ON INERT MATERIAL,OR MOP UP. 4

**Neutralizing Agent:**  
NONE

**Waste Disposal Methods:**  
DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. MFR SUGGESTS FLUSH TO DRAIN.

**Handling And Storage Precautions:**  
STORE IN A COOL,DRY,WELL VENTILATED AREA. KEEP TIGHTLY CLOSED. STORE AWAY FROM FOOD,DRINK,TOBACCO.

**Other Precautions:**  
REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE REUSE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER FOG.

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**  
NONE.

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F/100C

**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:**  
>1.0

**VOC Pounds/Gallon:**

**PH:** 7.0

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN WATER 6

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR LIQUID WITH SLIGHT SWEET ODOR

**Percent Volatiles by Volume:**  
25%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE.

**Materials To Avoid:**  
STRONG MINERAL ACIDS.

**Hazardous Decomposition Products:**  
SULFUR DIOXIDE.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

## 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