

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms Of Overexposure:

EYE:IRRITATION,BURNS. SKIN:IRRITATION,ALLERGIC DERMATITIS. INHALED:UNLIKELY EXPOSURE. INGESTED:G/I IRRITATION,ESOPHAGAL 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:

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:**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

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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 product will be shipped in accordance with the state of our knowledge and is not to be construed as a guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from the use of the product.

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