

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-7681-57-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7681-57-4

Code:

M

RTECS:

UX8225000

Code:

M

Name:

SODIUM METABISULFITE Environmental Wt: Other RE

Other REC Limits:

N/P

OSHA PEL:

(C) 1 PPM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.5 PPM/1 STEL; 9293

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

4 A SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT. BE SURE TO USE AN APPROVED/CERTIFIED RESPIRATOR OR EQUIVALENT. VPOR AND DUST RESPIRATOR.

Ventilation:

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:

IMPERVIOUS.

Eye Protection:

SPLASH GOGGLES.

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER. SYNTHETIC APRON.

Work Hygienic Practices:

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

VERY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT), OF EYE CONTACT (IRRITANT), OF INGESTION. HAZARDOUS IN CASE OF INHALATION. SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (CORROSIVE). THE AMOUNT OF TISSUE DAMAGE DEPENDS ON LENGTH OF CONTACT. EYE CONTACT CAN RESULT IN CORNEAL DAMAGE OR BLINDNESS. SKIN CONTACT CAN PRODUCE INFLAMMATION AND BLISTERING. INHALATION OF DUST WILL PRODUCE IRRITATION TO GASTRO-INTESTINAL OR RESPIRATORY TRACT. SEVERE OVER-EXPOSURE CAN PRODUCE LUNG DAMAGE, CHOKING, UN

Explanation Of Carcinogenicity:

PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptoms Of Overexposure:

INHALATION OF DUST WILL PRODUCE BURNING, SNEEZING, AND COUGHING. INFLAMMATION OF THE EYE CAN PRODUCE REDNESS, WATERING, AND ITCHING. SKIN INFLAMMATION CAN PRODUCE ITCHING, SCALING, REDDENING OR OCCASIONALLY BLISTERING.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

EYES: REMOVE CONTACT LENSES IF NEEDED. IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MIN KEEPING EYELIDS OPEN. COLD WATER MAY BE USED. SEEK MEDICAL ATT'N. SKIN: WASH IMMEDIATELY WITH PLENTY OF WATER. GENTLY & THOROUGHLY WASH THE CONTAMINATED SKIN WITH RUNNING WATER & NON-ABRASIVE SOAP. COVER THE IRRITATED SKIN WITH AN EMOLlient. SEEK MEDICAL ATT'N IF NEEDED. INHALATION: ALLOW THE VICTIM TO REST IN A WELL-VENTILATED AREA. SEEK IMMEDIATE MEDICAL ATT'N. LOSEN TIGHT CLOTHING, ASSIST WI

Spill Release Procedures:

SM: USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. LG: S LEAK IF WITHOUT RISK. DO NOT GET WATER INSIDE CONTAINER. DO NOT TOUCH SPILLED MATERIAL. USE WATER SPRAY TO REDUCE VAPORS. PREVENT ENTRY INTO SEWERS, ETC. DIKE IF NEEDED. ELIMINATE ALL IGNITION SOURCES. CALL FOR ASSISTANCE ON DISPOSAL. MATERIALS IS A CORROSIVE SOLID.

Neutralizing Agent:

3 NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

Handling And Storage Precautions:

KEEP CONTAINER DRY. KEEP IN A COOL PLACE. GROUND ALL EQUIPMENT CONTAINING MATERIAL. CORROSIVE MATERIALS SHOULD BE STORED IN A SEPARATE SAFETY STORAGE CABINET OR ROOM. KEEP CONTAINER DRY. KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. EMPTY CONTAINERS POSE A FIRE RISK.

Other Precautions:

EVAPORATE THE RESIDUE UNDER A FUME HOOD. GROUND ALL EQUIPMENT CONTAINING MATERIAL. DO NOT BREATHE DUST. NEVER ADD WATER TO THIS PRODUCT IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

NOT APPLICABLE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

SMALL FIRE: USE DRY CHEMICAL POWDER. LARGE FIRE: USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

Fire Fighting Procedures:

MAY BE COMBUSTIBLE AT HIGH TEMPERATURE. FLAMMABLE IN PRESENCE OF OXIDIZING MATERIALS. RISKS OF EXPLOSION IN PRESENCE OF MECHANICAL IMPACT OR STATIC DISCHARGE.

Unusual Fire/Explosion Hazard:

SOME METALLIC OXIDES FORMED BY COMBUSTION.

Physical/Chemical Properties

C3:

C3

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/R

Melt/Freeze Pt:

>150.C. 302.F

M.P/F.P Text:

N/A

Decomp Temp:

N/A

Decomp Text:

UNKNOW

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/K

Spec Gravity:

1.4

VOC Pounds/Gallon:

5

PH: ACID/IC:

N/R

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

SOLUBLE

Appearance and Odor:

SOLID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

REACTIVE WITH OXIDIZING AGENTS.

Hazardous Decomposition Products:

N/P

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

Toxicological Information

Information:

N/P

MSDS Transl.

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

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

>150.C. 302.F

M.P/F.P Text:

N/A