

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-768/7681-38-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7681-38-1
Code:
M

RTECS:
VZ1860000
Code:
M

Name:
SODIUM HYDROGEN SULFATE

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
5 USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:
LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES/GOGGLES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:
AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health:
WASH THOROUGHLY AFTER EACH USE.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
N/P

Health Hazards Acute And Chronic:
ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY OR G,I,TRACT;SEVERE IRRITATION/BURN OF EYES OR SKIN OR EYE DAMAGE.CHRONIC:SENSITIZATION,KIDNEY OR LIVER DAMAGE.

Explanation Of Carcinogenicity:
SOME CHROMIUM V1 COMPOUNDS ARE KNOWN CARCINOGEN

Signs And Symptions Of Overexposure:
EYES;SKIN: CAUSES BURNS. INH: CAUSES IRRIT OF MUCOUS MEMBRANE.

Medical Cond Aggravated By Exposure:
PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid:
EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:
SWEEP UP DRY POWDER. SPILLS OR LEAKS SHOULD BE CONTAINED W/ AN INERT ABSORBENT. COLLECT SPILLED MATERIAL. FLUSH AREA W/ WATER & NEUTRALIZE REMAINING TRACES W/ SODA ASH. DISPOSE OF ALL MATERIALS BY APPROPRIATE WASTE DISPOSAL METHOD. 4

Neutralizing Agent:
N/R

Waste Disposal Methods:
MFR RECOMMENDS REDUCING HEXAVALENT CHROMIUM TO THE TRIVALENT FORM, ALLOW TRIVALENT FORMS OF CHROMIUM & FLUORIDES TO PRECIPITATE.ALLOW TO SETTLE,REMOVE SLUDGE,HAUL AWAY.NEUTRALIZE,DILUTE & DISCHARGE REMAINDER.DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL,STATE & LOCAL CODE

Handling And Storage Precautions:
SUITABLE FOR GENERAL INDOOR STORAGE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM COMBUSTIBLE,ORGANIC/READILY OXIDIZABLE MATERIALS.

Other Precautions:
AVOID CONTACT W/ EYES, SKIN & CLOTHING. AVOID INH OF MIST, FUMES/DUST.

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/K

Upper Limits:
N/K

Extinguishing Media:
USE MEDIA SUITABLE FOR SURROUNDING MATERIALS

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:
MAY REACT W/ COMBUSTIBLE,ORGANIC OR OTHER READILY OXIDIZABLE MATERIALS. FUMES OF SO*2,SO*3 RELEASED.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.33

VOC Pounds/Gallon:
6

PH: 1.1

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
APPRECIABLE

Appearance and Odor:
RADDISH-WHITE GRANULAR POWDER;ODORLESS

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/A

Materials To Avoid:
COMBUSTIBLE,OXIDIZABLE,ORGANIC,ALKALINE/CHLORINE MATERIAL.

Hazardous Decomposition Products:
ACIDIC FUMES FUMES OF OXIDES OF SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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

WARRANTY

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 information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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