

# 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

**ACGIH STEL:**

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 CLOTHING,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

**LD50/LC50 Mixture:**

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 VI COMPOUNDS ARE KNOWN CARCINOGEN

**Signs And Symptoms 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 RE MAINDER.DISPOSAL MUST BE IAW FED,ST & 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:**

N/A

**Flash Point Text:**

NONE

**Autoignition Temp:**

N/K

**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<sub>2</sub>,SO<sub>3</sub> RELEASED.

## Physical/Chemical Properties

**HCC:**

C1

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

N/K

**Boiling Point:**

N/K

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/K

**M/P/F.P Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

1.33

**VOC Pounds/Gallon:**

6

**PH:**

1.1

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Appreciable In Water:**

APPRECIABLE

**Appearance and Odor:**

RADDISH-WHITE GRANULAR POWDER;ODORLESS

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

UNKNOWN

**Conditions To Avoid:**

N/K

**Conditions To Avoid Polymerization:**

N/K

**Reactivity Data:**

STABILITY INDICATOR:

YES

**Stability Indicator:**

YES

**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:**

State Regulatory Information:N/P

Other Information:N/P