

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-135/13517-24-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

13517-24-3

**Code:**

M

**RTECS:****Code:**

X

**Name:**

SODIUM METASILICATE, NONAHYDRATE Environmental W

**Other REC Limits:**

N/K

**OSHA PEL:**

NOT APPLICABLE

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT APPLICABLE

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

WEAR SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR AREA.

**Ventilation:**

PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION.

**Protective Gloves:**

SAFETY GLOVES (CHEMICAL RESISTANT)

**Eye Protection:**

SAFETY GOGGLES

**Other Protective Equipment:**

Equipment WEAR SELF CONTAINED BREATHING APPARATUS IN HIGH VAPOR AREAS. DO NOT BREATHE VAPORS OR MISTS.

**Work Hygienic Practices:**

WASH HANDS AFTER HANDLING THE MATERIAL.

**Supplemental Safety and Health:**

DO NOT BREATH VAPORS OR MIST. TRADE NAME CODE FOR THIS MSDS: 1HM6810-01-021-0059X2.

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL RAT LD50: 1280 MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYE CONTACT CAN CAUSE BURNS. SKIN CONTACT CAN CAUSE IRRITATION. INGESTION CAN CAUSE IRRITATION OF THE DIGESTIVE TRACT.

**Explanation Of Carcinogenicity:**

NOT LISTED.

**Signs And Symptoms Of Overexposure:**

2 EYE: BURNS, IRRITATION. SKIN: IRRITATION. INGESTION: IRRITATION OF THE DIGESTIVE TRACT.

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

EYES: FLUSH WITH WATER FOR AT LEAST 15 MIN; GET IMMEDIATE MEDICAL ASSISTANCE. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR & GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS SPED.

INGESTION: DO NOT INDUCE VOMITING. GIVE WATER FREELY IF CONSCIOUS AND GET MEDICAL ATTENTION. GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.

**Spill Release Procedures:**

ABSORB WITH SAND OR VERMICULITE AND SCOOP UP AND CONTAINERIZE FOR PROPER DISPOSAL.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM IGNITION SOURCE. WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINERS MAY BE HAZARDOUS DUE TO RETAINED RESIDUE.

**Other Precautions:**

N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/A

**Flash Point:**

N/A

**Flash Point Text:**

N/A

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/A

**Upper Limits:**

N/A 3

**Extinguishing Media:**

FOAM, CO2, DRY CHEMICAL.

**Fire Fighting Procedures:**

WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING IF NECESSARY.

**Unusual Fire/Explosion Hazard:**

NONE INDICATED.

## Physical/Chemical Properties

**HCC:**

4 B1

**NRC/State LTC No:**

N/A

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/A

**B.P. Text:**

N/A

**Melt/Freeze Pt:**

N/A

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

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

N/P

**Vapor Density:**

N/A

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.09

**VOC Pounds/Gallon:**

N/A

**PH:**

N/P

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/A

**Evaporation Rate & Reference:**

N/P

**Solubility in Water:**

MISCIBLE

**Appearance and Odor:**

COLORLESS, CLEAR LIQUID.

**Percent Volatiles by Volume:**

N/P

**Corrosion Rate:**

N/P

## Reactivity Data

**Stability Indicator:**

N/P

**Stability Condition To Avoid:**

CONTACT WITH STRONG ACIDS.

**Materials To Avoid:**

N/P

**Hazardous Decomposition Products:**

UNKNOWN

**Hazardous Polymerization Indicator:**

N/P

**Conditions To Avoid Polymerization:**

N/P

## 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

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N/P

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