

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-780/7803-57-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7803-57-8

**Code:**  
M

**RTECS:**  
MV8050000

**Code:**  
M

**Name:**  
HYDRAZINE (MONOHYDRATE) CAS#7803-57-8;ACGIH TLV F

**Other REC Limits:**

N/P

**OSHA PEL:**

N/P

**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

1.0PPM PER MFGR

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

### Respiratory Protection:

USE NIOSH/MASHA APPROVED RESPIRATORS FOR HYDRAZINE

### Ventilation:

LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.

### Protective Gloves:

RUBBER/PLASTIC 4

### Eye Protection:

GOGGLES/FACE SHIELD

### Other Protective Equipment:

Equipment SAFETY SHOWER EYE BATH

### Work Hygienic Practices:

N/P

### Supplemental Safety and Health:

MSDS IS UNDATED.OSHA PEL FOR HYDRAZINE 1.0 PPM TWA

## Health Hazards Data

### LD50/LC50 Mixture:

N/P

### Route Of Entry Inds - Inhalation:

N/P

### Skin:

N/P

### Ingestion:

N/P

### Carcinogenicity Inds - NTP:

N/P

### IARC:

N/P

### OSHA:

N/P

### Health Hazards Acute And Chronic:

N/P

### Explanation Of Carcinogenicity:

N/P

### Signs And Symptoms Of Overexposure:

ITCHING SWELLING,BLISTERING OF EYE LIDS,SKIN,NOSE & THROAT,NAUSEA,HEADACHE SEVERE EXPOSURE--DEATH

### Medical Cond Aggravated By Exposure:

N/P

### First Aid:

INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H\*20 FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

### Spill Release Procedures:

NEUTRALIZE WITH CALCIUM HYPOCHLORITE KEEP IN AN APPROVED CONTAINER.AVOID HEAT SPARKS & FLAMES.

### Neutralizing Agent:

N/P

### Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. 3

### Handling And Storage Precautions:

KEEP AWAY FROM POROUS MATERIALS,OXIDANTS,ACIDS.PROVIDE ADEQUATE VENTILATION.

### Other Precautions:

Poisonous to AQUATIC LIFE IN LOW CONCENTRATIONS.AVOID SKIN & EYE CONTACT.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

**Flash Point Text:**

100F 0C

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

4.7

**Upper Limits:**

100

**Extinguishing Media:**

SPRAY WITH WATER,FOAM

**Fire Fighting Procedures:**

USE H\*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTG.

**Unusual Fire/Explosion Hazard:**

MAY EXPLODE IF CONFINED

## Physical/Chemical Properties

### HCC:

F7

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

N/P

**Boiling Point:**

=128.5C, 263.2F

**B.P. Text:**

N/A

**Melt/Freeze Pt:**

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

UNK

**Vapor Density:**

UNKN

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.008

**VOC Pounds/Gallon:**

N/A

**PH:**

N/P

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

UNKNOWN

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

NOT SPECIFIED BY THE MFR. LIQUID W. CHARACTERISTIC ODOR

**Percent Volatiles by Volume:**

100

**Corrosion Rate:**

N/P 5

**Conditions To Avoid Polymerization:**

NONE SPECIFIED BY THE MFR.

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NONE SPECIFIED BY THE MFR.

**Materials To Avoid:**

WOOD,CARDBOARD,RUSTY IRON OR STEEL

**Unstable Decomposition Products:**

ONLY IF HYDRAZINE IS CONFINED

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NONE SPECIFIED BY THE MFR.

## 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

## Page Footer

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