

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-88/88-89-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
88-89-1  
**Code:**  
M

**RTECS:**  
TJ7877000  
**Code:**  
M

**Name:**  
PICRIC ACID (SARA III)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
S, 0.1 MG/M3  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.1 MG/M3; 9192  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
4 SPRAY/MIST RETENTION

**Ventilation:**  
LOCAL-RECOMMENDED FOR PROLONGED EXPOSURES

**Protective Gloves:**  
RUBBER,VINYL

**Eye Protection:**  
FACESHIELD,GOGGLES

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS DATED:NOVEMBER 1ST,18985;PH OFF SLUTION:O-1

## Health Hazards Data

**LD50LC50Mixture:**  
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 Symptions Of Overexposure:**  
EYES:PAIN,CORNEAL DAMAGE;SKIN:BURNS,PAIN;INGEST:BURNING;MAY BE FATAL:INHAL:COUGH,CHOKING,DIZZ,WEAK

**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:**  
3 COVER WITH ALKALINE SUBSTANCES SUCH AS SODIUM BICARBONATE OR SODA ASH-SLAKED LIME MIXTURE (50/50), SLURRY WITH WATER,FLUSH WITH WATER,ABSORB IF POSSIBLE

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
PLACE ABSORBED MATERIAL IN DOT CONTAINER SUITABLE FOR SHIPPING HYDROCHLORIC ACID.OVER PACK LEAKERS IN APPROVED DOT DRUM FOR SHIPMENT TO DISPOSAL AREA.

**Handling And Storage Precautions:**  
STORE AT 50-90F AWAY FROM INCOMPATIBLE MATERIALS.PROTECT CONTAINERS FROM SPILLAGE OR MECHANICAL INJURY.

**Other Precautions:**  
AVOID BREATHING OF VAPORS,CONTACT WITH EYES,SKIN & CLOTHING.WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
CO\*2,DRY CHEMICAL,FOAM,WATER

**Fire Fighting Procedures:**  
USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA

**Unusual Fire/Explosion Hazard:**  
MAY LIBERATE HCL GAS.IN CONTACT WITH METALS MAY LIBERATE HYDROGEN-FOAM EXPLOSIVE MIXTURES IN AIR

## Physical/Chemical Properties

**HCC:**  
C1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F/100C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
UNK

**Vapor Density:**  
UNK

**Volatile Org Content %:**

**Spec Gravity:**  
1.09

**VOC Pounds/Gallon:**

**PH:** N/P 5

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
>1.0(ETHYL ETHER=1

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR YELLOW SOLUTION,SLIGHT SMELL OF HCL.

**Percent Volatiles by Volume:**  
UNK

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
UNKNOWN

**Materials To Avoid:**  
ORGANIC MATTER,COMMON METALS,STRONG ACIDS ALKALIS,OXIDIZER

**Hazardous Decomposition Products:**  
HCL, CL\*2 NA\*20 OR H\*2 GAS

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
UNKNOWN

## 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