

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-51/51-05-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

51-05-8

**Code:**

M

**RTECS:**

DG2275000

**Code:**

M

**Name:**

PROCAINE HYDROCHLORIDE

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

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

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NIOSH APPROVED RESPIRATOR.

**Ventilation:**

LOCAL EXHAUST

**Protective Gloves:**

DISPOSABLE SURGICAL LATEX

**Eye Protection:**

SAFETY GOGGLES

**Other Protective Equipment:**

Equipment DISPOSABLE PROTECTIVE APPAREL

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYE, SKIN &/RESPIRATORY TRACT IRRITATION & POSSIBLY RESPIRATORY ARREST.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

IRRITATION, NERVOUSNESS, DIZZINESS, BLURRED VISION, TREMORS, DROWSINESS, CONVULSIONS, NAUSEA, VOMITING, CHILLS, MIOSIS, TINNITUS, UNCONSCIOUSNESS.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. INGESTION: FLUSH MOUTH OUT W/WATER. SKIN: FLUSH AREA W/WATER. EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WEAR PERSONAL PROTECTIVE EQUIPMENT. VACUUM W/A VACUUM CLEANER HAVING A HIGH EFFICIENCY PARTICULATE (HEPA) FILTER. ABSORB LIQUID W/PAPER TOWELS. WIPE WORKING SURFACES TO DRYNESS, WASH W/SOAP & WATER.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

WASTE SHOULD BE DISPOSED OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

N/K

**Other Precautions:**

AVOID ALL CONTACT & INHALATION OF DUST, FUMES, MISTS, &/VAPORS ASSOCIATED W/THE PRODUCT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

N/R

**Autoignition Temp:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

WATER SPRAY, CO<sub>2</sub>, DRY CHEMICAL, FOAM AS APPROPRIATE FOR SURROUNDING FIRE & MATERIALS.

**Fire Fighting Procedures:**

USE SCBA & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**

EMITS TOXIC FUMES.

## Physical/Chemical Properties

**HCC:****NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/R

**Melt/Freeze Pt:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:****Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/R

**PH:**

N/K

**VOC Grams/Liter:**

N/R

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

CLEAR COLORLESS SOLUTION W/NO ODOR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT

**Materials To Avoid:**

NONE

**Hazardous Decomposition Products:**

EMITS TOXIC FUMES WHEN HEATED.

**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

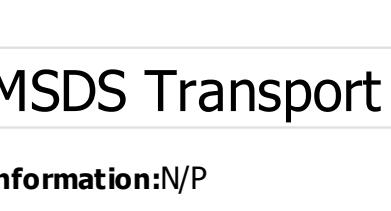
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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