

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

ACGIHSTEL:
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

LD50LC50Mixture:
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 Symptions 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:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, CO2, 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:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K 3

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

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