

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-612/612-82-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
612-82-8
Code:
M

RTECS:
DD1226000
Code:
M

Name:
O-TOLIDINE DIHYDROCHLORIDE

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:
IF SPILLED,NIOSH/MSHA-APPROVED ACID GAS RESPIRATOR.

Ventilation:
LOCAL EXHAUST AND MECHANICAL(GENERAL)

Protective Gloves:
ACID PROOF PLASTIC OR RUBBER

Eye Protection:
ACID PROOF GOGGLES

Other Protective Equipment:
Equipment ACID PROOF PLASTIC OR RUBBER APRON.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
NTP LISTS O-TOLIDINE HYDROCHLORIDE AS REASONABLY ANTICIPATED CARCINOGEN. IARC LISTS O-TOLIDINE AS PROBABLE CARCINOGENIC TO HUMANS.--THIS IS NEW FORMULATION.FOR OLD FORMULATION SEE THIS NSN,CAGE#79172- -P/N FOR PENNWALT CORP/WALLACE & TIERNAN DIV.IS U-421,U-7787 ORTHOTOLIDINE.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE;CORROSIVE,CAUSES BURNS;CHRONIC:DERMATITIS,ECEMA

Explanation Of Carcinogenicity:
SEE SUPPLEMENT DATA.

Signs And Symptions Of Overexposure:
IRRITANT EFFECT OF ACID MAY PRODUCE LARYNGITIS,BRONCHITIS,EYE INJURY

Medical Cond Aggravated By Exposure:
BRONCHITIS

First Aid:
3 EYES:FLUSH W/WATER FOR 15 MINTUES.GET MEDICAL ATTENTION;SKIN:WASH W/SOAP & WATER;INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED;INGESTION:DO NOT INDUCE VOMIT.GET MEDICAL ATTENTION.

Spill Release Procedures:
WEAR ACID GAS RESPIRATOR. NEUTRALIZE. ABSORB WITH INERT MATERIAL. PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:
20% SODIUM BICARBONATE

Waste Disposal Methods:
DISPOSE OF IAW ALL APPLICABLE FEDERAL,STATE & LOCAL REGS.

Handling And Storage Precautions:
STORE AWAY FROM HEAT,FLAME,LIGHT

Other Precautions:
N/R

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

Fire Fighting Procedures:
WEAR SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
CONTACT WITH METALS MAY PRODUCE HYDROGEN WHICH FORMS EXPLOSIVE MIXTURES WITH AIR. 4

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
356F,180C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
4

Vapor Density:
N/K 5

Volatile Org Content %:

Spec Gravity:
1.07

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
COLORLESS LIQUID,SHARP ODOR

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/R

Materials To Avoid:
METALS,METAL OXIDES,AMINES,CARBONATES,ALKALIES.

Hazardous Decomposition Products:
HYDROGEN CHLORIDE GAS

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

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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WARRANTY

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