

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-108/108300-89-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
108300-89-6

Code:
M

RTECS:

Code:
X

Name:
P-TOLUENESULFONIC ACID, TRIMETHYLHEXANEDIAMINE SA

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:
NONE NORMALLY REQUIRED. USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR WHEN AIR MOVEMENT IS INADEQUATE. NEVER ENTER A CONFINED SPACE UNLESS WEARING AN AIR SUPPLIED RESPIRATOR. 3

Ventilation:
GENERAL (NATURAL OR MECHANICALLY INDUCED FRESH AIR MOVEMENTS).

Protective Gloves:
IMPERMEABLE

Eye Protection:
SPASH-PROOF CHEMICAL GOGGLES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
CORROSIVE. CAUSES SEVERE IRRITATION OR BURNS TO EYES & SKIN.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
2 N/K

Medical Cond Aggravated By Exposure:
EYE, SKIN & RESPIRATORY CONDITIONS.

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DON'T INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN. OBTAIN MEDICAL ATTENTION IN ALL CASES. REFERRAL TO A PHYSICIAN IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF THE INJURY/EXPOSURE.

Spill Release Procedures:
REMOVE SPILLAGE W/ABSORBENT MATERIAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER CLOSED. STORE AWAY FROM EXCESS HEAT & IGNITION SOURCES.

Other Precautions:
AVOID CONTACT W/EYES, SKIN OR CLOTHING & BREATHING VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:

Flash Point Text:
210F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:
USE A SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.85-0.90

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 AMBER LIQUID W/AMINE ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT, OPEN FLAMES &OTHER SOURCES OF IGNITION.

Materials To Avoid:
STRONG ACIDIS &OXIDIZING AGENTS

Hazardous Decomposition Products:
CO, CO2 &NITROGEN OXIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K 4

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