

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-99/99-99-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
99-99-0
Code:
M

RTECS:
XT3325000
Code:
M

Name:
P-NITROTOLUENE (SARA III) 1

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
S, 5 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 2 PPM; 9293
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
A NIOSH APPROVED DUST RESPIRATOR SHOULD BE WORN IF NEEDED.

Ventilation:
GOOD GENERAL ROOM VENTILATION SHOULD BE USED. LOCAL EXHAUST MAY BE NEEDED.

Protective Gloves:
PROTECTIVE

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING SHOULD BE WORN.

Work Hygienic Practices:
MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health:
KEY2:KT

Health Hazards Data

LD50LC50Mixture:
HMIS: LD50 (ORAL RAT) IS 1960 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. MAY CAUSE TRANSIENT EYE IRRITATION.

Explanation Of Carcinogenicity:
MFR LISTED NO INFORMATION ABOUT THE CARCINOGENICITY OF THIS MATERIAL. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC.

Signs And Symptions Of Overexposure:
P-NITROTOLUENE IN THE BODY FORMS METHEMOGLOBIN, WHICH IS SUFFICIENT CONCENTRATION CAUSES CYANOSIS.

Medical Cond Aggravated By Exposure:
NO INFORMATION GIVEN ON MSDS BY MFR.

First Aid:
EYE:IMMEDIATELY FLUSH W/WATER & INDUCE VOMITING. GET MEDICAL ATTENTION. SKIN:IMMEDIATELY FLUSH W/WATER FOR 15 MIN. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INHALED:REMOVE TO FRESH AIR. GET MEDICAL AT TENTION IF SYMPTOMS OCCUR. INGESTED:DRINK 1-2 GLASES OF MILK OR WATER & INDUCE VOMITING. GET MEDICAL ATTENTION.

Spill Release Procedures:
SWEEP UP MATERIAL & PACKAGE FOR SAFE FEED TO AN INCINERATOR.

Neutralizing Agent:
NO INFORMATION GIVEN ON MSDS BY MFR.

Waste Disposal Methods:
DISCHARGE,TREATMENT,OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE & LOCAL LAWS. DISPOSE BY INCINERATION OR CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL AGENCY.

Handling And Storage Precautions:
KEEP FROM CONTACT WITH OXIDIZING MATERIAL. KEEP CONTAINER TOIGHTLY CLOSED AND AWAY FROM REDUCING AGENTS, SODIUM, SULFURIC ACID.

Other Precautions:
FIURE OR EXCESSIVE HEAT MAY CAUSE EXPLOSIVE DECOMPOSITIOHN IF CONFINED. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
"N/A"

Autoignition Temp:

Autoignition Temp Text:
536F

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO KEEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:
FIREOR EXCESSSIVE HEAT MAY PRODUCE HAZARDOUS CECOMPOSITION PRODUCTS. THIS MATERIAL (UNDER PROPER CONDITIONS) MAY CREATE A DUST EXPLOSION.

Physical/Chemical Properties

HCC:
T3

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN 3

Melt/Freeze Pt:

M.P/F.P Text:
126F,52C

Decomp Temp:

Decomp Text:
ABOVE 310C

Vapor Pres:
NEGILIGIBLE

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
1.10

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NEGILIGIBLE

Solubility in Water:
VERY SLIGHTLY SOLUBL

Appearance And Odor:
YELLOW SOLID

Percent Volatiles by Volume:
NEG

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID TEMPERATURES ABOVE 210C.

Materials To Avoid:
STRONG OXIDIZERS, REDUCING AGENTS, SODIUM, SULFURIC ACID

Hazardous Decomposition Products:
COMBUSTION WILL PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE NITROGEN OXIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

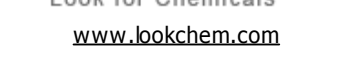
Sara Title III Information: N/P

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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