

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

ACGIH STEL:

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 Symptoms 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 ATTENTION IF SYMPTOMS OCCUR. INGESTED: DRINK 1-2 GLASSES 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 TIGHTLY CLOSED AND AWAY FROM REDUCING AGENTS, SODIUM, SULFURIC ACID.

Other Precautions:

FIURE OR EXCESSIVE HEAT MAY CAUSE EXPLOSIVE DECOMPOSITION 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 KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:

FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION 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:**

UNKNOWN

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

126F/52C

Decomp Temp:**Decomp Text:**

ABOVE 310C

Vapor Pres:

NEGIGIBLE

Vapor Density:

UNKNOWN

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

1.10

VOC Pounds/Gallon:**Viscosity:**

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

VERY SLIGHTLY SOLUBLE

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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