

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/121-14-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

121-14-2

Code:

M

RTECS:

XT1575000

Code:

M

Name:

DINITROTOLUENE (SARA III)

Other REC Limits:

NOT KNOWN

OSHA PEL:

1.5 MG/M3 SKIN

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT KNOWN

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

MSHA-NIOSH APPROVED POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR PROVIDES THE BEST PROTECTION.

Ventilation:

USE LOCAL EXHAUST TO KEEP EXPOSURES TO A MINIMUM.

Protective Gloves:

IMPERVIOUS

Eye Protection:

CHEMICAL SAFETY GOGGLES (FP A).

Other Protective Equipment:

Equipment COVERALLS AND APRON.EYEWASH FACILITIES AS NEEDED.

Work Hygienic Practices:

WASH CONTAMINATED CLOTHING DAILY DECONTAMINATE FOOTWEAR BEFORE REUSE.SHOWER THOROUGHLY AT END OF WORK SHIFT.(SEE SUP) 6

Supplemental Safety and Health:

PART NUMBER:9205472.SPECIFIC GRAVITY:1.5 (WATER=1) FOR PROPELLANT M1.HYGIENE PRACT:THOROUGHLY WASH HANDS & FACE WITH SOAP & WATER BEFORE EATING,DRINKING OR SMOKING.EATING,DRINKING OR SMOKING SHOULD NOT BE ALLOWED IN HANDLING AREAS.

Health Hazards Data

LD50/LC50 Mixture:

LD50 RAT ORAL >5 G/KG PROPELLANT (EST).

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

Explanation Of Carcinogenicity:

NONE 4

Signs And Symptoms Of Overexposure:

TOXICITY INFO NOT AVAIL.PROPELLANT IN CLOTH BAG HANDLED IAW GOOD INDUS HYG MAY NOT PRESENT HEALTH HAZARD.SKIN:RPTD/PRLNGD CONTACT W/ PROPELLANT MAY IRRITATE.ABSORPTION/INGEST/INHAL OF DINITROTOLUENE M AY CAUSE FORMATION OF METHEMOGLOBINEMIA/W/ CYANOSIS,NAUS,CONFUSION.SINGLE DOSE INGESTED IS PRACTICALLY NONTOXIC.

Medical Cond Aggravated By Exposure:

NOT KNOWN

First Aid:

OPEN BAG W/ SIGNIFICANT EXPOS:EYES:FLUSH W/ H*20.REMOVE CONTACT LENSES.CONTINUE FLUSHING FOR AT LEAST 15 MIN.IF SYMPTOMS DEVELOP,GET MED HELP. SKIN:WASH SKIN/HAIR/NAILS W/ LOTS OF SOAP & H*20.GET MED ATTN. INGEST:DRINK 1-2 GLASSES OF H*20.SEE MED PERS.GIVE NOTHING BY MOUTH IF UNCON. INHAL:MOVE TO FRESH AIR.IF NOT BRTHG,GIVE ARTF RESP,PREP,MOUTH-TO-MOUTH.IF BRTHG LABORED:GIVE O*2,CONSULT MED PERS.

Spill Release Procedures:

OPEN BAG:ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR SKIN & RESP PROTECTION.CLEAN UP IMMEDIATELY USING SOFT BRISTLED BRUSH & CONDUCTIVE RUBBER OR PLASTIC SHOVEL.USE EXTREME CAUTION;MATERIAL IS SENSITIVE TO FRICTION,IMPACT & ELECTROSTATIC DISCHARGE.

Neutralizing Agent:

NOT KNOWN

Waste Disposal Methods:

DISP MUST BE IAW FED,STATE,& LOC REGS.COORDINATE W/ SUPPORTING INSTALLATION/MACOM ENVIRON OFFICE PRIOR TO DISP (FP A).EMPTY CONTR RETAINS RESIDUES.OBSERVE ALL HAZARD PRECAUTIONS.USE EMPTY CONTAINER ONLY FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

Handling And Storage Precautions:

FOLLOW ARMY REGS FOR HNDLG & STORAGE.SENSITIVE TO FRICTION,IMPACT,ELECTROSTATIC DISCHARGE.CONTROL OF EXPOSURE TO

Other Precautions:

PREVENT SKIN CONTACT W/ BAG CONTENTS.AVOID BREATHING DUST.OPEN VAPOR BAGS IN WELL VENT AREA,ALLOW VAPORS TO ESCAPE BEFORE FURTHER HANDLING.MINIMIZE EXPOS W/ GOOD HYGIENE PRACTICES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 5

Flash Point:

Flash Point Text:

N/A

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

DELUGE WITH WATER.ALL MATERIAL WILL PROBABLY BE CONSUMED BEFORE FIRE EXTINGUISHED UNLESS USE LOTS OF WATER VERY QUICKLY.

Fire Fighting Procedures:

EVACUATE THE AREA.

Unusual Fire/Explosion Hazard:

EASILY IGNITED,HIGHLY COMBUSTIBLE EXPLOSIVE.

Physical/Chemical Properties

HCC:

NPC/State Lic No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/A

Melt/Freeze Pt:

M.P/F.P. Text:

NOT KNOWN

Decomp Temp:

Decomp Text:

NOT KNOWN

Vapor Pres:

NOT KNOWN

Vapor Density:

NOT KNOWN

Volatile Org Content %:

Spec Gravity:

SEE SUPP DATA

VOC Pounds/gallon:

PH:

N/K

VOC Grams/Liter:

Viscosity:

Evaporation Rate & Reference:

NOT KNOWN

Solubility in Water:

NEGLIGIBLE

Percent Volatiles by Volume:

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

STABLE UNDER NORMAL CONDITIONS.

Materials To Avoid:

ACIDS AND BASES.

Hazardous Decomposition Products:

AMMONIA,POSS LEAD FUMES/OXIDES,METHANE,ALDEHYDES,CARBOXYLIC ACIDS,HYDROGEN CYANIDE.

CYANIDE:

Decomposition:

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

Other Information:

N/P