

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-615/615-05-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
615-05-4
Code:
M

RTECS:
BZ8580500
Code:
M

Name:
2,4-DIAMINOANISOLE (SARA 313) ORAL RAT LD50 347MG

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
LOCAL EXHAUST VENTILATION ADEQUATE UNLESS MIXING W/ALCOHOLS AND HEATING. (SCBA RECOMMENDED)

Ventilation:
LOCAL EXHAUST VENTILATION AT THE POINT OF USE.

Protective Gloves:
BUTYL RUBBER,PVC. EXTENSIVE-SILVER **

Eye Protection:
SAFETY GLASSES W/SIDE SHIELD;CHEM GOGGLE

Other Protective Equipment:
Equipment AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

Work Hygienic Practices:
NK

Supplemental Safety and Health:
*FAILURE TO OBSERVE PRECAUTIONS IN MIXING/HEATING MAY RESULT IN EXCESSIVE HEAT BUILD-UP CAUSING AN EXOTHERM. THE EXOTHERM HAS POTENTIAL FOR RELEASE OF TOXIC GASES.**SHIELD/4H GLOVES RECOMMENDED.

Health Hazards Data

LD50LC50Mixture:
NK

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
YES

OSHA:
NO 2

Health Hazards Acute And Chronic:
ACUTE: POSSIBLE BURNS TO EYES/SKIN. CHRONIC: BREATHING VAPORS MAY CAUSE DELAYED/SERIOUS INJURY TO LIVER/SPLEEN.

Explanation Of Carcinogenicity:
M-PHENYLENE DIAMINE (IARC GRP 3)(NONCARCINOGENIC) 2,4 DIAMINOANISOLE (IARC GRP 2)(POSSIBLE HUMAN CARCINOGEN)

Signs And Symptions Of Overexposure:
POSSIBLE BURNS TO EYES/SKIN. IRRITATION TO UPPER RESPIRATORY TRACT . SKIN WILL TURN YELLOW/BROWN AT SITE OF CONTACT WITH MIXTURE.

Medical Cond Aggravated By Exposure:
SKIN SENSITIZATION.

First Aid:
EYE:FLUSH W/LOTS WATER FOR 15MINS. GET MED ATTN. SKIN:WASH THOROUGHLY W/SOAP & WATER. IF IRRIT PERSISTS GET MED ATTN. INHAL:REMOVE VICTIM TO FRESH AIR. IF SYMPTOMS PERSIST GET MED ATTN. INGEST:DRINK P LENTY OF WATER. GET MED ATTN IMMED.

Spill Release Procedures:
WEAR PROTECTIVE CLOTHING, GLOVES & SAFETY GLASSES. ABSORB SPILL W/ABSORBANT MATERIAL (SAND, VERMICULITE). SCRAPE UP OR SHOVEL INTO DOT APPROVED WASTE CONTAINERS.

Neutralizing Agent:
NOT APPLICABLE.

Waste Disposal Methods:
NOT RCRA HAZ WASTE.HOWEVER, INCINERATION IN EPA APPROVED WASTE INCINERATOR IS PREFERRED.CHEM ADDITIONS/PROCESSING/OTHERWISE ALTERING MATL MAY MAKE WASTE MANAGEMENT INFO HEREIN INCOMPLETE/INACCURATE/IN APPROPRIATE.CONSULT STATE/LOC REGULATIONS.

Handling And Storage Precautions:
THIS PRODUCT MAY BE STORED @ ROOM TEMP FOR UP TO 12 MONTHS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:
FOLLOW CURING SCHEDULE RATIOS AS RECOMMENDED IN PRODUCT LITERATURE. EMPTY CONTAINERS CONTAIN PRODUCT RESIDUE, TREAT AS FULL. DON'T CUT/GRIND/WELD/DRILL ON/NEAR CONTAINER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT EST.

Autoignition Temp:

Autoignition Temp Text:
NE

Lower Limits:
NOT EST.

Upper Limits:
NOT EST.

Extinguishing Media:
DRY CHEMICAL, OR HALON FIRE EXTINGUISHER, OR WATER SPRAY, FOAM OR FOG.

Fire Fighting Procedures:
WEAR SCBA & FULL PROTECTIVE CLOTHING, SUCH AS TURN-OUT GEAR. CARTRIDGE RESP DO NOT PROVIDE ADEQUATE PROTECTION FOR FIREFIGHTERS OR EXOTHERM MITIGATION. 3

Unusual Fire/Explosion Hazard:
MAY LIBERATE LARGE QUANTITIES OF DENSE FOUL-SMELLING SMOKE WHICH MAY CONTAIN UNIDENTIFIED TOXIC GASES.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT EST.

Melt/Freeze Pt:

M.P/F.P Text:
NK

Decomp Temp:

Decomp Text:
NOT EST.

Vapor Pres:
NOT EST.

Vapor Density:
NOT EST.

Volatile Org Content %:

Spec Gravity:
1.15

VOC Pounds/Gallon:

PH: NE

VOC Grams/Liter:

Viscosity:
3-6 BRK

Evaporation Rate & Reference:
NK

Solubility in Water:
PARTIAL

Appearance and Odor:
REDISH BLACK LIQUID

Percent Volatiles by Volume:
NK

Corrosion Rate:
NA

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID MIXING PARTS A &B IN BATCHES >1 LB UNLESS USED IMMED.AVOID HEATING MIXTURE >100F UNLESS CURING SURFACES.*

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.

Hazardous Decomposition Products:
CO, NOX, ALDEHYDES, ACIDS &UNDETERMINED ORGANICS.

Hazardous Polymerization Indicator:
YES

Conditions To Avoid Polymerization:
NK

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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