

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-495/495-54-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
495-54-5
Code:
M

RTECS:
ST3325000
Code:
M

Name:
C.I. SOLVENT ORANGE 3, 2,4-DIAMINOAZOBENZENE

Other REC Limits:
NONE

OSHA PEL:
NONE
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NONE
Code:
M

ACGIHSTEL:
N/P
Code:
2

Control Measures

Respiratory Protection:
NOT REQUIRED

Ventilation:
USE ADEQUATE VENTILATION

Protective Gloves:
SOLVENT RESISTANT GLOVES

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment N/K

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

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: IRRITATION. SKIN: IRRITATION, BURNS & DRYING. INHALATION: KIDNEY, LIVER, NERVOUS SYSTEM EFFECTS, IRRITATION TO THE RESPIRATORY TRACT, DIZZINESS, NAUSEA & HEADACHES. INGESTION: HARMFUL & FATAL.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES: IRRITATION. SKIN: IRRITATION, BURNS & DRYING. INHALATION: LIVER, KIDNEY & LIVER NERVOUS SYSTEM EFFECTS, IRRITATION TO THE RESPIRATORY TRACT, DIZZINESS, NAUSEA & HEADACHES. INGESTION: FATAL.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. BLACK STAIN WILL NOT WASH OFF. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEEDED. INGESTION: DON'T INDUCE VOM ITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
ELIMINATE IGNITION SOURCES. RECOVER FREE LIQUID. ADD ABSORBENT TO SPILL AREA. VENTILATE CONFINED AREAS. KEEP OUT OF WATERWAYS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. RCRA HAZARDOUS WASTE: D001.

Handling And Storage Precautions:
KEEP CONTAINERS CLOSED, & AWAY FROM HEAT, SPARKS & OPEN FLAME.

Other Precautions:
AVOID CONTACT W/SKIN & BREATHING VAPORS. WEAR PROTECTIVE EQUIPMENT WHEN WORKING AROUND MIXING VESSELS. DON'T TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
35F 3

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, DRY CHEMICAL, CO2, WATER SPRAY OR FOG

Fire Fighting Procedures:
USE AIR SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS W/WATER SPRAY.

Unusual Fire/Explosion Hazard:
WHEN IN LARGE QUANTITIES, VAPORS TRAVEL & MOVE W/AIR CURRENTS KEEP AWAY FROM SPARKS & OPEN FLAME.

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:
0.9

VOC Pounds/Gallon:

PH: N/K 4

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
INSOLUBLE

Appearance and Odor:
BLACK LIQUID W/TOLUENE &ALCOHOL ODOR

Percent Volatiles by Volume:
75%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SPARKS, OPEN FLAME, IGNITION SOURCES

Materials To Avoid:
STRONG OXIDANTS

Hazardous Decomposition Products:
CO

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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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