

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-81/81-48-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

81-48-1

Code:

M

RTECS:

CB7700000

Code:

M

Name:

VIOLET DYE, C.I. SOLVENT VIOLET 13

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH APPROVED CANNISTER RESPIRATOR IN ABSENCE OF ADEQUATE VENTILATION.

Ventilation:

GENERAL MECHANICAL: TO KEEP BELOW TLV. LOCAL EXHAUST: OPEN DOORS/WINDOWS. IF USED IN ENCLOSED AREA, USE EXHAUST FAN.

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:

Equipment EYE WASH & SAFETY SHOWER

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

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:

INHALATION: MUCOUS MEMBRANE, NOSE, & THROAT IRRITATION. INGESTION: MAY BE ASPIRATED INTO LUNGS. SKIN: IRRITATION & DERMATITIS, ABSORBED. EYES: IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

INHALATION: HEADACHE, DIZZINESS, NAUSEA, NUMBNESS OF THE EXTREMITIES & NARCOSIS. SKIN/EYES: IRRITATION.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. KEEP VICTIM QUIET/WARM. SKIN: FLUSH W/WATER, THEN WASH THOROUGHLY W/SOAP/WATER. EYES: FLUSH W/WATER FOR 15 MINS.

INGESTION: DRINK PLENTY OF WATER. DON'T INDUCE VOMITING. AVOID ALCOHOLIC BEVERAGES. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MED ATT IN ALL CASES.

Spill Release Procedures:

VENTILATE AREA. S LEAK IF IT CAN BE DONE W/OUT RISK. TAKE UP W/SAND, EARTH OR OTHER ABSORBING MATERIAL.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. IGNITABLE & TOXIC WASTE. EPA HAZARDOUS WASTE ID NUMBER: U-213.

Handling And Storage Precautions:

KEEP AWAY FROM HEAT, SPARKS & FLAMES. STORE IN A COOL, DRY PLACE.

Other Precautions:

CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE & VAPORS. HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. FLAMMABLE LIQUID.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

0-5F 3

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

2%

Upper Limits:

13%

Extinguishing Media:

FOR SMALL FIRES: USE DRY CHEMICAL, CO₂, WATER OR FOAM EXTINGUISHER.

Fire Fighting Procedures:

EVACUATE AREA & CALL FIRE DEPARTMENT IMMEDIATELY.

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:**

133F 56C

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

70

Vapor Density:

2

Volatile Org Content %:

0.79

Spec Gravity:

0.79

VOC Pounds/Gallon:

0.79

PH:

N/K 4

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

(BU AC =1) 6-8

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PURPLE LIQUID W/SHARP PENETRATING ODOR:

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APPLICABILITY:

APPLICABLE

Percent Volatiles by Volume:

100

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT, SPARKS & OPEN FLAME.

Materials To Avoid:

ACIDS, OXIDIZERS, ALKALS, CHLORINATED INORGANICS (POTASSIUM, CALCIUM, & SODIUM HYPOCHLORITE), COPPER OR COPPER ALLOYS

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Hazardous Decomposition Products:

CO, CO₂, BLACK SMOKE.

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:

N/P

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