

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

ACGIHSTEL:
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

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

Explanation Of Carcinogenicity:
NONE

Signs And Symptions 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:

Flash Point Text:
0-5F 3

Autoignition Temp:

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:

B.P. Text:
133F, 56C

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
70

Vapor Density:
2

Volatile Org Content %:

Spec Gravity:
0.79

VOC Pounds/Gallon:

PH: N/K 4

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC =1): 6-8

Solubility in Water:
APPRCIABLE

Appearance and Odor:
PURPLE LIQUID W/SHARP PENETRATING ODOR.

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS &OPEN FLAME

Materials To Avoid:
ACIDS, OXIDIZERS, ALKALIS, CHLORINATED INORGANICS (POTASSIUM, CALCIUM, &SODIUM HYPOCHLORITE), COPPER OR COPPER ALLOYS.

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

Other Information:N/P