

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-92/92-31-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

92-31-9

Code:

M

RTECS:

SP5670000

Code:

M

Name:

TOLUIDINE BLUE; C.I. 925; C.I. 52040; GABILIN; TO

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

N/K

Ventilation:

NORMAL ROOM IS ADEQUATE

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GLASSES W/SIDE SHIELDS, GOGGLES

Other Protective Equipment:

Equipment LAB COAT OR LAB APRON

Work Hygienic Practices:

WASH HANDS AFTER HANDLING THIS OR ANY OTHER CHEMICAL BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health:

ORAL LD50 (RAT): ETHANOL: 7060 MG/KG, METHANOL: 5628 MG/KG, ACETIC ACID: 3310 MG/KG.

Health Hazards Data

LD50/LC50/Mixture:

SEE SUPPLEMENTAL INFORMATION

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

LIMITED HAZARD DUE TO LOW CONCENTRATION OF HAZARDOUS INGREDIENTS.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

DROWSINESS, LOSS OF APPETITE, INABILITY TO CONCENTRATE, HEADACHE, DIZZINESS, NAUSEA & CONJUNCTIVITIS.

Medical Cond Aggravated By Exposure:

EYE PROBLEMS, SKIN DISORDERS, IMPAIRED KIDNEY FUNCTION, CHRONIC RESPIRATORY DISEASE

First Aid:

EYES: FLUSH W/PLENTY OF WATER. SKIN: FLUSH IMMEDIATELY W/WATER. REMOVE ANY CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: DILUTE IMMEDIATELY W/WATER OR MILK. INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

VENTILATE AREA. ABSORB ON PAPER. EVAPORATE IN HOOD. BURN IN PAPER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

MIX W/FLAMMABLE SOLVENT. ATOMIZE INTO AN INCINERATOR W/AFTERCURNER & SCRUBBER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling And Storage Precautions:

AVOID PHYSICAL DAMAGE.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/K

Autoignition Temp:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

3 N/K

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Net Prop WT For Ammo:

Boiling Point:

N/P

B.P. Text:

100C

Melt/Freeze Pt:

0C

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

Spec Gravity:

1

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

DARK BLUE LIQUID W/ODOR OF ALCOHOL 4

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/K

Materials To Avoid:

N/K

Hazardous Decomposition Products:

N/K

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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