

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

ACGIHSTEL:
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

LD50LC50Mixture:
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 Symptions 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 IMMEDIATE LY 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/AFTERBURNER & 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:

Autoignition Temp Text:
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:

Boiling Point:

B.P. Text:
100C

Melt/Freeze Pt:

M.P/F.P Text:
0C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

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