

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-385/3855-82-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
3855-82-1
Code:
M
RTECS:
Code:
X
Name:
1,4-DICHLOROBENZENE-D4
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:
IF EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.
Ventilation:
FUME HOOD/EQUIVALENT
Protective Gloves:
VITON, POLYVINYL ALCOHOL/EQUIVALENT
Eye Protection:
SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:
Equipment EYE WASH & SAFETY EQUIPMENT.
Work Hygienic Practices:
4 WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/P
Route Of Entry Inds - Inhalation:
YES
Skin:
NO
Ingestion:
YES
Carcinogenicity Inds - NTP:
YES
IARC:
YES
OSHA:
NO
Health Hazards Acute And Chronic:
EYES: MAY CAUSE INJURY. INHALATION: TOXIC, MAY CAUSE IRREGULAR HEARTBEATS/DEATH. INGESTION: TOXIC, IRRITATION OF GI TRACT W/VOMITING. IF VOMITING OCCURS, METHYLENE CHLORIDE CAN BE ASPIRATED INTO THE L UNGS, CAUSE CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS/AFFECT LIVER/KIDNEY & CNS.
Explanation Of Carcinogenicity:
SEE INGREDIENTS.
Signs And Symptions Of Overexposure:
IRRITATION, NAUSEA, DIZZINESS, HEADACHE, NARCOSIS, COMA, VOMITING.
Medical Cond Aggravated By Exposure:
HEART, KIDNEY & LIVER CONDITIONS.
First Aid:
SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR, GIVE CPR IF BREATHING HAS SPED. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.
Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. ELIMINATE ANY IGNITION SOURCES. CONTAIN THE RELEASE & ELIMINATE ITS SOURCE SAFELY W/OUT RISKS. DISPOSE OF AS HAZARDOUS WASTE. 3
Neutralizing Agent:
N/K
Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.
Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, WELL VENTILATED AREA AWAY FROM OPEN FLAMES.
Other Precautions:
DON'T BREATHE VAPOR/MIST. DON'T GET IN EYES, ON SKIN/ON CLOTHING. DON'T TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:
N/P
Flash Point:
Flash Point Text:
NONE
Autoignition Temp:
Autoignition Temp Text:
N/A
Lower Limits:
13
Upper Limits:
23
Extinguishing Media:
WATER SPRAY, CO2, DRY CHEMICAL
Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:
FORMS FLAMMABLE VAPOR-AIR MIXTURES >AMBIENT TEMPS.

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
B.P. Text:
103.64F
Melt/Freeze Pt:
M.P/F.P Text:
-139F
Decomp Temp:
Decomp Text:
N/K
Vapor Pres:
340
Vapor Density:
2.93
Volatile Org Content %:
Spec Gravity:
1.326
VOC Pounds/Gallon:
PH: N/K
VOC Grams/Liter:
Viscosity:
N/P
Evaporation Rate & Reference:
(BU AC=1): 27.5
Solubility in Water:
2%
Appearance and Odor:
COLORLESS LIQUID W/ETHER LIKE ODOR.
Percent Volatiles by Volume:
100
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
OPEN FLAME, WELDING ARCS, HOT SURFACES
Materials To Avoid:
BASES, OXIDIZERS, ALKALI METALS, ALUMINUM & MAGNESIUM POWDER, SODIUM, POTASSIUM & LITHIUM.
Hazardous Decomposition Products:
HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.
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