

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 LUNGS, CAUSE CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS/AFFECT LIVER/KIDNEY & CNS.

Explanation Of Carcinogenicity:

SEE INGREDIENTS.

Signs And Symptoms 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:

N/A

Autoignition Temp:

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:

103.64F

Melt/Freeze Pt:

-139F

Decomp Temp:

N/K

Vapor Pres:

340

Volatile Org Content %:

1.326

Spec Gravity:

1.326

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

(BU/C-1): 27.5

2% Solubility in Water:

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:

MSDS Transport Information

Information:

Regulatory Information

Title III Information:

Federal Regulatory Information:

State Regulatory Information:

Other Information:

Information: