MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-88/88-74-4.html for suppliers of this product.

Composition/Information on Ingredient Cas: 88-74-4 Code: Μ

Μ

NK

NK Code:

Μ

Code:

ΝK Code: Μ

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

Protective Gloves:

Eye Protection:

Control Measures

RESPIRATORS, NEGATIVE PRESSURE TYPE.

EQUIVALENT/APPROVED FUME HOOD

SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:

Supplemental Safety and Health:

CENTRAL NERVOUS SYSTEM.

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

SEE INGREDIENTS

HEART, KIDNEY & LIVER

Spill Release Procedures:

Waste Disposal Methods:

Handling And Storage Precautions:

DON'T GET IN EYES, SKIN/CLOTHING.

Neutralizing Agent:

Other Precautions:

Flash Point Method:

First Aid:

CASES.

N/K

N/P

NONE

N/A

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Lower Limits:

Upper Limits:

WEAR SCBA

HCC:

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:

Vapor Pres:

Vapor Density:

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

(BU AC = 1): 27.5

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Solubility in Water:

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

OPEN FLAME, WELDING ARCS, HOT SURFACES, IGNITION SOURCE.

BASES, OXIDIZERS, ALKALI METALS, ALUMINUM &MAGNESIUM POWDER, SODIUM, POTASSIUM &LITHIUM.

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

Evaporation Rate & Reference:

COLORLESS LIQUID W/ETHER LIKE ODOR

Volatile Org Content %:

-139F

N/K 5

340

2.93

1.326

PH: N/K

Viscosity: N/P

MODERATE

100

N/K

YES

NO

N/K

Information:N/P

Information:N/P

B.P. Text: 103.64F

Net Prop WT For Ammo:

Extinguishing Media:

Fire Fighting Procedures:

WATER SPRAY, CO2, DRY CHEMICAL

Unusual Fire/Explosion Hazard:

FORMS FLAMMABLE VAPOR-AIR MIXTURES > AMBIENT TEMPS.

Physical/Chemical Properties

Flash Point:

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

Work Hygienic Practices:

LD50LC50Mixture:

N/P

Skin: NO

YES

IARC: YES

OSHA: NO

Ingestion:

VITON, POLYVINYL ALCOHOL/EQUIVALENT

Equipment EYEWASH &SAFETY EQUIPMENT

WASH THOROUGHLY AFTER HANDLING. DON'T TAKE INTERNALLY.

WHICH CANCAUSE CHEMICAL PNEUMONIA & SYSTEMIC EFFECTS. TOXIC. (SEE SUPP)

DISPOSE AS HAZARDOUS WASTE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Fire and Explosion Hazard Information

IRRITATION, DIZZINESS, NAUSEA, HEADACHE, NARCOSIS, IRREGULAR HEARTBEATS, COMA, VOMITING.

Respiratory Protection:

Code:

2-NITROANILINE

Other REC Limits:

RTECS: BY6650000 Code: Name:

WEAR A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR. OSHA ALSO PERMITS OTHER NIOSH/MSHA

HEALTH HAZARD CONT'D: EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS & CAN AFFECT LIVER, KIDNEYS &

SKIN: IRRITATION TO MUCOUS MEMBRANES. EYES: IRRITATION, MAY CAUSE EYE INJURY. INHALATION: HIGH VAPOR CONCENTRATION CAUSES DEATH. INGESTION: MAY CAUSE IRRITATION OF THE GI TRACT. METHYLENE CHLORIDE CAN BE ASPIRATED INTO THE LUNGS,

SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH THOROUGHLY W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR, GIVE CPR IF NEEDED. INGESTION: ASPIRATION HAZARD. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL

WEAR SUITABLE PROTECTIVE EQUIPMENT. ELIMINATE ANY IGNITION SOURCES UNTIL THE AREA IS DETERMINED TO BE FREE FROM

MATERIAL MUST BE HANDLED/TRANSFERRED IN AN APPROVED FUME HOOD/W/EQUIVALENT VENTILATION. DON'T BREATH VAPOR/MIST.

EXPLOSION/FIRE HAZARDS.CONTAIN THE RELEASE & ELIMINATE ITS SOURCE, IF THIS CAN BE DONE W ITHOUT RISK.

KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, WELL-VENTILATED AREA AWAY FROM OPEN FLAMES.