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

Click http://www.lookchem.com/cas-104/1047-16-1.html for suppliers of this product.

Composition/Information on Ingredient Cas: 1047-16-1

Code:

Μ

RTECS:

Code: Χ

Name:

NK

OSHA PEL: 15 MG/CUM

OSHA STEL:

ACGIH TLV: 10 MG/CUM

ACGIHSTEL:

Ventilation:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

FRESH AIR ENTRY.

Protective Gloves:

Eye Protection:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

NEOPRENE/NITRILE/BUTYL/LATEX RUBBER

Equipment IMPERMEABLE APRON & OTHER PROTECTIVE CLOTHING

REMOVE/LAUNDER CONTAMINATED CLOTHING &SHOES BEFORE REUSE.

CHEMICAL-TYPE SPLASH GOGGLES

Other Protective Equipment:

Supplemental Safety and Health:

THE HAZARDS OF ALL OF ITS PARTS. 4

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

Explanation Of Carcinogenicity:

REDNESS, & SWELLING.

Spill Release Procedures:

Waste Disposal Methods:

Handling And Storage Precautions:

LIQUIDS. KEEP CONTAINERS TIGHT. 3

Neutralizing Agent:

Other Precautions:

Flash Point Method:

PMCC

79F

N/A

1.1%

N/K

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 = 100): 62

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:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

Evaporation Rate & Reference:

VISCOUS LIQUID W/ODOR CHARACTERISTIC OF SOLVENTS.

STRONG ALKALIES, STRONG MINERAL ACIDS, & STRONG OXIDIZING AGENTS

EXTREME HEAT/ELECTRICAL EQUIPMENT/SPARKS/OPEN FLAMES/HOT SURFACES/TEMPS >120F/OTHER SOURCES OF IGNITION

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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.

0.96

PH: N/K

Viscosity: N/P

INSOLUBLE

60.10%

N/K

YES

NO

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

TOXIC GASES OF CO

Information:N/P

Information:N/P

Volatile Org Content %:

N/K

N/K

B.P. Text: 280-399F

Net Prop WT For Ammo:

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

PREFERABLE. WEAR SCBA.

Unusual Fire/Explosion Hazard:

Physical/Chemical Properties

Flash Point:

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

Work Hygienic Practices:

LD50LC50Mixture:

N/K

YES

Skin: NO

YES

NO

IARC: NO

OSHA:

NONE

N/R

First Aid:

Ingestion:

Code:

Code:

Code: M N/P

Code:

Μ

Other REC Limits:

QUINACRIDOE VIOLET *92-3*

USE NIOSH/MSHA APPROVED (TC23C) AIR PURIFYING/AIR SUPPLIED (TC19C) RESPIRATORS TO REDUCE EXPOSURE.

GENERAL DILUTION OR LOCAL EXHAUST: IN VOLUME & PATTERN TO KEEP CONCENTRATION BELOW LIMITS. PROVIDE

PERCENT SOLID BY WEIGHT: 45.56. IF MATERIAL IS PART OF A MULTIPLE COMPONENT COATING SYSTEM, READ THE MSDS'S FOR THE OTHER COMPONENT OR COMPONENTS BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE

INGESTION: HARMFUL OR FATAL. EYES/SKIN: IRRITATION. INHALATION: IRRITATION OF EYES, NOSE, & THROAT, HARMFUL.

INHALATION: EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: REDNESS, ITCHING, BURNING SENSATION & VISUAL DISTURBANCES. SKIN: DRYNESS, I TCHING, CRACKING, BURNING,

INGESTION: DON'T INDUCE VOMITING. EYES: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: FLUSH

AIR. APPLY ARTIFICIAL RESPIRATION & OTHER SUPPORTIVE MEASURES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY. FLAMMABLE LIQUID. UN 1263.

Fire and Explosion Hazard Information

CO2, DRY CHEMICAL, OR UNIVERSAL AQUEOUS FILM FORMING FOAM

SPILLED MATERIAL W/SAWDUST/VERMICULITE/OTHER ABSORBENT MATERIAL & PLACE INTO CONTAINERS FOR DISPOSAL.

IMMEDIATELY W/PLENTY OF WATER, FOLLOWED BY WATERLESS HAND CLEANER & SOAP & WATER. INHALATI ON: REMOVE TO FRESH

PROVIDE MAXIMUM VENTILATION. EVACUATE AREA OR WEAR PROTECTIVE EQUIPMENT. REMOVE ALL SOURCES OF IGNITION. TAKE UP

DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED

DON'T STORE >120F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED/PROTECTED FOR STORAGE OF NFPA CLASS IC FLAMMABLE

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS CAN BE HARMFUL OR FATAL. CONTAINERS SHOULD BE

GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUIDS IN EXCESS OF FEW INCHES. AVOID CONT ACT W/EYES & SKIN.

WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CLOSED CONTAINERS. IF WATER IS USED, FOG NOZZLES ARE

CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY EXPLODE/BUILD-UP PRESSURE/AUTOIGNITE. FLAMMABLE LIQUID.