

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-409/4098-71-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
4098-71-9

Code:
M

RTECS:

Code:
X

Name:
ISOPHORONE DIISOCYANATE (IPDI)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NONE REQUIRED UNDER NORMAL USE.

Ventilation:
USE LOCAL EXHAUST VENTILATION.

Protective Gloves:
CHEMICAL RESISTANT RUBBER OR PLASTIC. 4

Eye Protection:
SAFETY SHIELD, GOGGLES, OR GLASSES.

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
KEYI:T3. THIS ENTRY DESCRIBES PART A OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND B, FOR PART B DATA.

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EYES: IRRITATION. SKIN: IRRITATION. INHALATION: IRRITAION OF UPPER RESPIRATORY SYSTEM, BRONCHITIS. OVER-EXPOSURE CAN LEAD TO ALLERGIC SENSITIVITY. INGESTION: NONE SPECIFIED BY MANUFACTURER. CH RONIC: OVER EXPOSURE CAN LEAD TO ALLERGIC SENSITIVITY.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES: IRRITATION. SKIN: IRRITATION. INHALATION: IRRITATION OF UPPER RESPIRATORY SYSTEM, BRONCHITIS, LABORED BREATHING. OVER-EXPOSURE CAN LEAD TO ALLERGIC SENSITIVITY. INGESTION: NONE SPECIFIED BY MANU FACTURER.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: FLUSHWITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. INHALATION: REMOVE PERSON TO AN UNCONTAMINATED AREA. ADMINISTER OXYGEN IF NECESSARY. INGESTION: IF CONSCIOUS GIVE PLENTY OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.

Spill Release Procedures:
ABSORB IN AN ABSORBENT SWEEPING COMPOUND AND DISPOSE OF WASTE. NEUTRALIZE CONTAMINATED AREAS WITH A 1% AMMONIA SOLUTION OR ISOPROPYL ALCOHOL. WASH DOWN AREA THOROUGHLY WITH WATER.

Neutralizing Agent:
1% AMMONIA SOLUTION.

Waste Disposal Methods:
BURY WASTE OR DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS OF ENVIRONMENTAL CONTROL. 3

Handling And Storage Precautions:
STORE INDOORS IN A COOL, DRY PLACE; AVIOD MOISTURE CONTAMINATION. USE WITH ADEQUATE VENTILATION.

Other Precautions:
AVOID PROLONGED BREATHING OF VAPORS. AVOID CONTACT WITH SKIN AND CLOTHING.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
400F,204C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
CHEMICAL FIRE EXTINGUISHERS, CARBON DIOXIDE, OR FOAM.

Fire Fighting Procedures:
AIR-SUPPLIED MASKS OF THE FULL-FACED TYPE MUST BE WORN BY FIRE-FIGHTING PERSONNEL EXPOSED TO VAPORS.

Unusual Fire/Explosion Hazard:
THERMAL DECOMPOSITION PRODUCTS ARE TOXIC.

Physical/Chemical Properties

HCC:
T4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
482F,250C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
0.0003

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
1.09

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NIL

Solubility in Water:
INSOLUBLE

Appearance and Odor:
SLIGHTLY YELLOW LIQUID, PUNGENT ODOR. 5

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES.

Materials To Avoid:
CONTACT WITH MOISTURE.

Hazardous Decomposition Products:
HYDROGEN CYANIDE, CARBON MONOXIDE, OXIDES OF NITROGEN AND OTHER TOXIC GASES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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



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WARRANTY

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