

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

ACGIH STEL:

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:

KEY: 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

LD50/LC50/Mixture:

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: IRRITATION OF UPPER RESPIRATORY SYSTEM, BRONCHITIS. OVER-EXPOSURE CAN LEAD TO ALLERGIC SENSITIVITY. INGESTION: NONE SPECIFIED BY MANUFACTURER. CHRONIC: OVER EXPOSURE CAN LEAD TO ALLERGIC SENSITIVITY.

Explanation Of Carcinogenicity:

NON

Signs And Symptoms 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 MANUFACTURER.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

EYES: FLUSH WITH 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; AVOID 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:

NO

Boiling Point:

482F,250C

Melt/Freeze Pt:

NO

M.P./F.P Temp:

UNKNOWN

Decomp Temp:

NO

Decomp Text:

UNKNOWN

Vapor Pres:

0.0003

Volat. Density:

>1

Volatile Org Content %:

NO

Spec Gravity:

1.09

VOC Pounds/Gallon:

NO

pH:

N/K

VOC Grams/Liter:

NO

Viscosity:

N/P

Evaporation Rate & Reference:

NIL

Solubility in Water:

INSOLUBLE

Appearance and Odor:

SLIGHTLY YELLOW LIQUID, PUNGENT ODOR. 5

Slightly Volatile by Volume:

N/K

Corrosion:

UNKNOWN

Decomp Temp:

NO

Decomp Text:

UNKNOWN

Vapor Pres:

0.0003

Volat. Density:

>1

Volatile Org Content %:

NO

Spec Gravity:

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