

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-929/929-57-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

929-57-7

Code:

M

RTECS:

MO1530000

Code:

M

Name:

HEXANE, 1,6-DIISOCYANATO-; (MAX FREE HEXAMETHYLENE)

Other REC Limits:

N/K

OSHA PEL:

N/K (FP N)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.005 PPM (MFR)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WHERE OVERSPRAY IS PRESENT, NIOSH/MSHA APPROVED POS PRESS SUPPLIED AIR RESP (TC19C) IS REC. IF UNAVAIL, WEAR NIOSH/MSHA APPROVED VAP/PARTICULATE WHICH RESP MFR RECS IS EFT FOR ISOCYANATE VAP/MIST. FOLLOW RESP MFR'S DIRECTIONS FOR USE. (ING 12)

Ventilation:

LOC EXHST PREF. GEN EXHST ACCEPT IF EXPOS TO INGS IS MAINTAINED BELOW APPLIC EXPOS LIMS. REFER TO OSHA STDS (ING 14)

Protective Gloves:

IMPERVIOUS GLOVES (FP N).

Eye Protection:

ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment:

Equipment EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). USE BARRIER CREAM ON EXPOSED SKIN.

Work Hygienic Practices:

WASH HANDS AFTER USE.

Supplemental Safety and Health:

FIRE FIGHT PROC: TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. EXPLO HAZ:REQS SPECIAL PRECS. DURING EMER CNDTNS OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN MED ATTN. MATLS TO AVOID: BURSTING OF CLSD CNTNRS. WASTE DISP METH:REGARDING POLLUTION.

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: OVEREXP CAUSES EYE, SKIN & RESP IRRIT. MAY CAUSE NERV SYS DEPRESS ACCOMPANIED BY HDCH, DIZZ, NAUS, CONFUSN & STAG GAIT. EXTREME OVEREXP MAY RSLT IN UNCON & POSS DEATH. MAY CAUSE ALLERGIC RESP &/ OR SKIN RXN IN SUSCEPTIBLE PERS/SENSIT. THIS EFT MAY BE DELAYED SEVERAL HRS AFTER EXPOS. CHRONIC: (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:

NOT RELEVANT

Signs And Symptoms Of Overexposure:

HLTH HAZ: PRGN OVEREXP TO INGS MAY CAUSE ADVERSE EFTS TO BLOOD FORMING SYS. PERS SENSITIVE TO ISOCYANATES WILL EXPR INCR ALLERGIC RXN ON RPTD EXPOS. RPTS HAVE ASSOC RPTD & PRNG OVEREXP TO SOLVS W/PE RM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY DELIB CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL/FATAL.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

INGEST: CALL MD IMMEDIATELY (FP N). INHAL: LEAVE AREA & GET FRESH AIR. IF PROBLEMS REMAIN OR OCCUR LATER, IMMEDIATELY GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

Spill Release Procedures:

REMOVE ALL SOURCES OF IGNIT. VENTILATE AREA. ALL PERS IN AREA SHOULD BE PROTECTED AS IN PROT INFO SECTION. COVER SPILL W/ABSORB MTL. DEACTIVATE SPILLED MTL W/10% AMMONIUM HYDROXIDE SOLN (HOUSEHOLD AMMONIA). AFTER 10 MINS, COLLECT IN OPEN(ING 4)

Neutralizing Agent:

10% AMMONIUM HYDROXIDE SOLUTION (HOUSEHOLD AMMONIA).

Waste Disposal Methods:

WASTE FROM THIS PROD MAY BE HAZ AS DEFINED UNDER RCRA (40 CFR 261). WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE APPLIC EPA HAZ WASTE NUMBERS. INCIN IN APPROVED FACILITY. DO NOT INCIN CLSD CNTNRS. DISP OF I/A/W FED, STATE & LOC REGS (SUPDAT)

Handling And Storage Precautions:

DOL STOR CATEGORY - 1C. CONTENTS ARE FLAMM. KEEP AWAY FROM HEAT, SPKS & OPEN FLAME. KEEP CNTNR CLSD WHEN NOT IN USE. DO NOT TAKE INTERNALLY.

Other Precautions:

DURING USE & UNTIL ALL VAPS ARE GONE: KEEP AREA VENTILATED; DO NOT SMOKE; EXTING ALL FLAMES, PILOT LIGHTS & HEATERS; TURN OFF STOVES, ELEC TOOLS & APPLIANCES & ANY OTHER SOURCES OF IGNIT. CONSULT NFPA CODE. USE APPROVED BONDING & (ING 5)

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

Flash Point Text:

95.0F, 35.0C

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

1.4%

Upper Limits:

N/K

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

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Physical/Chemical Properties

HCC:

NRC/State Lic No:

Net Wt For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

>255F, >124C

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

SEE ING 1

Vapor Density:

N/A

Percent Volatiles by Volume:

30.2

Corrosion Rate:

N/K

Health Hazards Acute And Chronic:

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