

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-264/26471-62-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
26471-62-5

Code:
T

RTECS:
NQ9490000

Code:
T

Name:
BENZENE, 1,3-DIISOCYANATOMETHYL- Environmental W

Other REC Limits:
N/P

OSHA PEL:
15 MG/M3

Code:
T

OSHA STEL:
N/P

Code:

ACGIH TLV:
10 MG/M3

Code:
T

ACGIHSTEL:
NOT ESTABLISHED

Code:
T

Control Measures

Respiratory Protection:
NO RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED (29CFR1910.134 USA DEPT OF LABOR), AIR-PURIFYING RESPIRATOR WITH APPROPRIATE CARTRIDGE SHOULD BE USED IF EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:
USE LOCAL EXHAUST VENTILATION NEAR THE SOURCE.

Protective Gloves:
PVC,RUBBER(LATEX, NITRILE, BUTYL)

Eye Protection:
SAFETY GLASSES WITH SIDE SHIELD OR GOGGLES

Other Protective Equipment:
EQUIPMENT A SAFETY SHOWER AND EYE WASH STATION SHOULD BE WITHIN REASONABLE DISTANCE TO THE WORK AREA.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Health Hazards Data

LD50LC50Mixture:
NO DATA PROVIDED BY RESPONSIBLE PARTY.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. EYE CONTACT: MAY CAUSE EYE IRRITATION. SKIN CONTACT: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. INHALATION: HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION: MODERATELY TOXIC, MAY CAUSE VOMITING.

Explanation Of Carcinogenicity:
IARC GROUP 2B COMPONENTS: BENZENE, 2,4-DIISOCYANATE-1ME, BENZENE,1,3-DIISOCYANATE-2-ME. NONE LISTED BY OSHA. NTP GROUP 2: BENZENE, 2,4-DIISOCYANATE-1ME. EU CATEGORY I COMPONENT: BENZENE, 2,4-DIISOCYANATE-1-ME, BENZENE,1,3-DIISOCYANATE-2-ME. 3

Signs And Symptoms Of Overexposure:
MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. MODERATELY TOXIC BY INGESTION. MAY CAUSE VOMITING.

Medical Cond Aggravated By Exposure:
PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PRE-EXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGIC SYMPTOMS TO THIS PRODUCT.

First Aid:
EYE CONTACT: IMMEDIATELY WASH/FLUSH EYES WITH WATER FOR MINIMUM 10 MINUTES. SEEK MEDICAL ATTENTION. SKIN CONTACT: WASH OFF IN FLOWING WATER OR SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION, IF IRRITATION DEVELOPS. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL ATTENTION. NOTE TO PHYSICIAN: TREATM

Spill Release Procedures:
CLEAN-UP: CONTAIN SPILL IN NATURAL FORM OR WITH SAND OR DIRT. ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND WATERWAYS. SHOVEL OR SCRAPE (NON-METALLIC) ABSORBED WASTE MATERIAL INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE OR LOCKING RING & LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY. OBSERVE PRECAUTIONS INCLUDING VENTILATION AND/OR PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent:
NO DATA PROVIDED BY RESPONSIBLE PARTY.

Waste Disposal Methods:
IT IS RECOMMENDED THAT ALL WASTES FROM USE OF THIS MATERIAL BE: FIRST, REUSED OR REINTRODUCED INTO THE PROCESS; SECOND RECLAIMED, REGENERATED OR RECYCLED; THIRD, IF REUSE OR RECYCLING NOT POSSIBLE, BURNED FOR ENERGY RECOVERY OR INCINERATED AS PREFERRED MEANS OF DISPOSAL; FOURTH, TO RENDER INERT BEFORE DISPOSAL.

Handling And Storage Precautions:
STORE AT LESS THAN TWENTY FIVE DEGREE CENTIGRADE (<25C) (77F) FOR OPTIMUM SHELF LIFE. DRY ATMOSPHERIC CONDITIONS. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED. PLASTIC CONTAINER MAY BE SLIPPERY WHEN HANDLING.

Other Precautions:
DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER IS OPEN, USE NITROGEN BLANKET ON MATERIAL AND RESEAL.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:
=31.7C, 89.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
N/P

Upper Limits:
N/P

Extinguishing Media:
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:
4 RECOMMENDED USE OF SELF CONTAINED BREATHING APPARATUS (SCBA).

Unusual Fire/Explosion Hazard:
NO UNUSUAL FIRE OR EXPLOSION HAZARDS. HAZARDOUS PRODUCTS/COMBUSTION: CARBON DIOXIDE, CARBON MONOXIDE, POSSIBLE ORGANICS, OXIDES OF NITROGEN.

Physical/Chemical Properties

HCC:
F3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/P

Melt/Freeze Pt:

M.P/F.P Text:
N/P

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
9.5

Vapor Density:
3.7

Volatile Org Content %:

Spec Gravity:
1.0

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:
550

Viscosity:
N/P

Evaporation Rate & Reference:
0.5 NO REFERENCE

Solubility in Water:
SOLUBLE

Appearance and Odor:
LIQUID, MEDIUM VISCOSITY, AMBER COLOR, AROMATIC ODOR

Percent Volatiles by Volume:
53

Corrosion Rate:
N/P 5

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES; OPEN FLAMES.

Materials To Avoid:
NONE IDENTIFIED.

Hazardous Decomposition Products:
CARBON DIOXIDE, CARBON MONOXIDE; POSSIBLE ORGANICS

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
EXOTHERMIC.

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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