

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-112/112-40-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

112-40-3

Code:

M

RTECS:

JR2125000

Code:

M

Name:

N-DODECANE OR DODECANE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

2 NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

4 NONE NORMALLY REQUIRED.

Ventilation:

USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:

CHEMICAL RESISTANT-PVA, NITRILE.

Eye Protection:

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:

Equipment FULL FACE SHIELD, DLA-HMIS: EYE WASH STATION SAFETY SHOWER.

Work Hygienic Practices:

WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:

MSDS PRESENTED BY CAGE 07XT7 FOR SOLICITATION SP0450-97-QN227/CONTRACT SP0450-97-MN349. OTHER HEALTH DATA: TERATOGEN-THIS PRODUCT DOES NOT CONTAIN ANY KNOWN INGREDIENTS KNOWN TO PRODUCE BIRTH DEFECTS. REPRODUCTIVE INFO-THIS PRODUCT DOES NOT CONTAIN ANY KNOWN INGREDIENTS TO CAUSE HARMFUL REPRODUCTIVE EFFECTS.

Health Hazards Data

LD50/LC50/Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: MAY CAUSE SKIN AND EYE IRRITATION. INHALATION OF VAPOR/MIST MAY CAUSE IRRITATION OF THE BRONCHIAL MEMBRANES. INGESTION MAY CAUSE IRRITATION/BURNS TO DIGESTIVE SYSTEM. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE CONJUNCTIVITIS, DERMATITIS.

Explanation Of Carcinogenicity:

NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

EYES-REDNESS, STINGING, BURNING, SKIN-REDNESS, FLAKING, DRYING OF SKIN. INGESTION-NAUSEA, VOMITING, DIARRHEA. INHALATION-IRRITATION OF BRONCHIAL MEMBRANES.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

INHALATION-REMOVE TO FRESH AIR. ADMINISTER OXYGEN. SEEK MEDICAL HELP. EYES-FLUSH WITH WATER. SEEK MEDICAL HELP. SKIN-FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHES. SEEK MEDICAL ASSISTANCE IF SKIN IRRITATION DEVELOPS. INGESTION-IF CONSCIOUS, GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING! SEEK MEDICAL ATTENTION. NOTE TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS/SYMPOMTS.

Spill Release Procedures:

3 ABSORB ON FIRE RETARDANT MATERIAL. PICK & DISPOSE OF AT APPROPRIATE WASTE FACILITY IAW LOCAL, STATE AND FEDERAL REGULATIONS. REPORT SPILL TO APPROPRIATE AUTHORITIES.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

THIS PRODUCT IS SUITABLE FOR DISPOSAL BY AN APPROVED FACILITY OR CAN BE DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE SITE.

Handling And Storage Precautions:

STORE IN A COOL, DRY PLACE. STORE ON A WELL-VENTILATED AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR FOOD.

Other Precautions:

KEEP AWAY FROM SPARKS, FLAME, HEAT. BOND & GROUND DURING TRANSFER.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

N/R

Flash Point Text:

>192F,>89C

Autoignition Temp:

N/R

Autoignition Temp Text:

N/R

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:

DO NOT SPRAY WATER DIRECTLY ON FIRE-PRODUCT WILL FLOAT & COULD BE RE-IGNITED ON THE SURFACE OF THE WATER. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:

V4

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

N/R

B.P. Text:

434F,223C

Melt/Freeze Pt:

N/R

M.P/F.P Text:

<30F,<34C

Decomp Temp:

N/R

Decomp Text:

UNKNOWN

Vapor Pres:

0.012

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

INSOLUBLE

Appearance and Odor:

CLEAR LIQUID, MILD ODOR.

Percent Volatiles by Volume:

100

Corrosion Rate:

UNKNOWN

Ozone:

NONE

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Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

ACIDS, REDOX AGENTS.

HAZARDOUS DECOMPOSITION Products:

OXIDES OF CARBON.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information: