

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-83-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

75-83-2

**Code:**

M

**RTECS:**

EJ9300000

**Code:**

M

**Name:**

NEOHEXANE

**Other REC Limits:**

NOT ESTABLISHED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

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

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

**Ventilation:**

LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

**Protective Gloves:**

NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

**Eye Protection:**

USE CHEMICAL SAFETY GOGGLES FACESHIELD

**Other Protective Equipment:**

Equipment EYE WASH STATION SAFETY SHOWER.

**Work Hygienic Practices:**

DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

**Supplemental Safety and Health:**

8 FLAMMABLE LIQUID;KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, LEADING TO IRRITATION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, CONFUSION AND UNCONSCIOUSNESS. EYE: MAY LEAD TO IRRITATION. SKIN: MAY LEAD TO DERMATITIS. INGESTION: MAY LEAD TO VOMITING. CHRONIC: REPEATED AND PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.

**Explanation Of Carcinogenicity:**

DATA PER MSDS 6

**Signs And Symptoms Of Overexposure:**

OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS, DERMATITIS AND EYE IRRITATION.

**Medical Cond Aggravated By Exposure:**

PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

**First Aid:**

SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

**Spill Release Procedures:**

MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

**Neutralizing Agent:**

NOT APPLICABLE

**Waste Disposal Methods:**

WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

**Handling And Storage Precautions:**

STORE IN A COOL, VENTILATED WORK AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY CONTAINERS CAN BE HAZARDOUS.

**Other Precautions:**

AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS/MIST.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

=-45.6C, -50.F

**Flash Point Text:**

7

**Autoignition Temp:****Autoignition Temp Text:**

N/K

**Lower Limits:**

1.1

**Upper Limits:**

5.9

**Extinguishing Media:**

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**

HIGHLY FLAMMABLE LIQUID, HEAVIER THAN AIR, MAY ACCUM IN LOW AREAS & SPREAD ALONG GROUND AWAY FROM SITE.

## Physical/Chemical Properties

**HCC:**

F2

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:****Boiling Point:**

=37.2C, 98.1F

**B.P. Text:**

7

**Melt/Freeze Pt:****M.P/F.P Text:**

N/K

**Decomp Temp:**

NO 9

**Decomp Text:**

N/P

**Vapor Pres:**

13.8

**Vapor Density:**

2.5

**Volatile Org Content %:**

NO 9

**Spec Gravity:**

0.643

**VOC Pounds/Gallon:****PH: N/K****VOC Grams/Liter:****Viscosity:**

UNKNOWN

**Evaporation Rate & Reference:**

>1.0 (N-BUTYL ACETATE=1)

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

CLEAR LIQUID; MILD GASOLINE ODOR

**Percent Volatiles by Volume:**

100

**Corrosion Rate:**

UNKNOWN

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## 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:**

N/P

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