MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-111/111-65-9.html for suppliers of this product.

Composition/Information on Ingredient

Cas: 111-65-9

Code: Μ **RTECS:** RG8400000

Code: Μ

Name:

N-OCTANE

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

EXPOSURE LIMITS.

WEAR IMPERVIOUS PROTECTIVE GLOVES.

WEAR SAFETY GLASSES OR GOGGLES.

Protective Gloves:

Eye Protection:

IN WORK AREA.

LD50LC50Mixture:

YES

Skin: YES

YES

YES

IARC: YES

OSHA: YES

Ingestion:

REUSE.

Other Protective Equipment:

Work Hygienic Practices:

Supplemental Safety and Health:

Health Hazards Data

LD50 (ORAL RAT) IS UNKNOWN.

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

THIS PRODUCT.

Spill Release Procedures:

Waste Disposal Methods:

INCOMPATIBLE MATERIALS.

Other Precautions:

FLASH MATERIAL.

Flash Point Method:

N/P

495F 4

0.4

8.0

HCC: F4

N/R

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: UNKNOWN

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: <0.1 PSI

Vapor Density: 3-7(AIR=1) 5

Spec Gravity: 0.84-0.93

PH: N/K

Viscosity:

UNKNOWN

NEGLIGIBLE

NEG

YES

LOAD.

HALOGENS.

COMPOUNDS.

WILL NOT OCCUR.

Information:N/P

Information:N/P

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate: UNKNOWN

Stability Indicator:

Materials To Avoid:

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

Evaporation Rate & Reference:

CLEAR TO STRAW YELLOW LIQUID. KEROSENE ODOR.

Volatile Org Content %:

B.P. Text: 325 TO 700F

Net Prop WT For Ammo:

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

DRY CHEMICAL, FOAM, CARBON DIOXIDE.

Flash Point:

Flash Point Text: 125 TO 190F

Autoignition Temp:

Autoignition Temp Text:

Neutralizing Agent:

CONTACT APPROPRIATEAGENCIES.

NONE SPECIFIED BY MANUFACTURER.

Handling And Storage Precautions:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

Route Of Entry Inds - Inhalation:

RESIDUE, MAY EXPLODE IN HEAT OF FIRE.

300 PPM/375STEL;9394

Control Measures

Respiratory Protection:

Code:

Code:

Code: Μ

Code:

Μ

Other REC Limits:

300 PPM/375 STEL

NONE RECOMMENDED

USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION IN AREAS EXCEEDING EXPOSURE LIMITS. TYPE DETERMINED

PROVIDE ADEQUATE VENTILATION THAT WILL MAINTAIN VAPOR CONCENTRATIONS TO LEVELS BELOW ALLOWABLE

Equipment WEAR IMPERVIOUS CLOTHING AND BOOTS IF NEEDED. PROVIDE EYE WASH STATION AND SAFETY SHOWER

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE

DO NOT WEAR CONTACT LENSES WHEN WORKING AROUND THIS PRODUCT. NEVER SIPHON BY MOUTH. FOR USE AS A

MOTOR FUEL ONLY. DO NOT USE AS A CLEANING SOLVENT OR FOR OTHER NON-MOTOR FUEL USE. DO NOT

PRESSURIZE, C UT, WELD, BRAZE, SOLDER, DRILL ON OR NEAR THIS CONTAINER. EMPTY CONTAINER CONTAINS

ACUTE: EYES: IRRITATION, CONJUCTIVITIS. SKIN: IRRITATION, DERMATITIS, INFECTION. INJECTION UNDER SKIN IS EMERGENCY. INHALATION: RESPIRATORY TRACT IRRITATION, CNS EFFECTS, CONVULSIONS, COMA, DEATH. INGEST ION: HARMFUL/FATAL IF

EYES: IRRITATION, CONJUNCTIVITIS. SKIN: IRRITATION, DEFATTING, REDNESS, INFLAMMATION, DERMATITIS, INFECTION, SWOLLEN-DISCOLORED-EXTREMELY PAINFUL TISSUE. INHALATION: IRRITATION, CNS EFFECTS, DIZZINESS, NAUSEA, HEADACHE, CONVULSIONS,

PRE-EXISTING EYE, SKIN, HEART, CENTRAL NERVOUS SYSTEM AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF INJECTED UNDER SKIN, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. SUPPORTBREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE VEGETABLE OIL OR

ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL. S LEAK, RECOVER FREE LIQUID. ABSORB LIQUID WITH APPROPRIATE

ABSORBENT. PREVENT SPILL FROM ENTERING SEWERS, STORM DRAINS, OTHER DRAINAGE SYSTEMS AND NATURAL WATERWAYS.

DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IF SPILL ENTERS INTO OR UPON NAVIGABLE

USE NON-SPARKING TOOLS AND EXPLOSION PROOF EQUIPMENT. GROUND LINES, CONTAINERS, AND OTHER EQUIPMENT USED DURING PRODUCT TRANSFER TO REDUCE POSSIBILITY OF STATIC INDUCED SPARK. DO NOT LOAD INTO CONTAIN ERS WHICH CONTAINED LOW

WATERS, THE CONTIGUOUS ZONE, OR ADJOINING SHORELINES, CONTACT NATIONAL RESPONSE CENTER AT 800-424-8802.

USE WATER TO COOL FIRE-EXPOSED CONTAINERS, STRUCTURES, PROTECT PERSONNEL.IF SPILL NOT IGNITED, VENTILATE

CONTAINERS MAY EXPLODE IN HEAT OF FIRE. VAPORS FORM EXPLOSIVE MIXTURES WITH AIR AT ROOM TEMPERATURE. VAPORS MAY

AVOID HEAT, SPARKS, OPEN FLAME, STATIC ELECTRICITY, OTHER IGNITION SOURCES. PREVENT VAPOR ACCUMULATION. DO NOT SWITCH

AVOID STRONG OXIDIZING AGENTS (PEROXIDE, PERMANGANATE, DICHROMATE, CHLORINE, ETC.), STRONG ACIDS, CAUSTICS AND

COMBUSTION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, REACTIVE HYDROCARBONS (ALDEHYDES, AROMATICS, ETC.)

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

STORE IN CLOSED CONTAINERS IN COOL, DRY, ISOLATED, WELL VENTILATED AREA AWAY FROM HEAT, SOURCES OF IGNITION,

SWALLOWED, GI DISTURBANCES. CHRONIC: REPEATED CONTACT MAY CAUSE DERMATITIS, BEHAVIORAL CHANGES.

CONTAINS B [71-43-2] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

COMA, DEATH. INGESTION: GI DISTURBANCES, NAUSEA, VOMITING, DIARRHEA, CNS EFFECTS.

CHARCOAL SLURRY TO RETARD ABSORPTION.GET MEDICAL ATTENTION.

Fire and Explosion Hazard Information

AREA, DISPERSE VAPORS/PROTECT PERSONNEL WITH WATER SPRAY.

SPREAD TO DISTANT IGNITION SOURCES AND FLASH BACK.

Physical/Chemical Properties

BY CONTAMINANTS, DEGREE OF POTENTIAL EXPOSURE AND PUBLISHED RESPIRATORY PROTECTION

FACTORS.SHOULD BE AV AILABLE FOR NONROUTINE AND EMERGENCY USE