

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64742-82-1.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

64742-82-1

### Code:

M

### RTECS:

### Code:

X

### Name:

HYDRODESULFURIZED NAPHTHA, HEAVY ..C7-12

### Other REC Limits:

NONE RECOMMENDED

### OSHA PEL:

NOT ESTABLISHED

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

NOT ESTABLISHED

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR ORGANIC VAPOR RESPIRATOR OR SUPPLIED-AIR RESPIRATOR, IF NEEDED.

### Ventilation:

9 LOCAL/MECHANICAL (GENERAL) VENTILATION - EXPLOSION PROOF, WELL GROUNDED EQUIPMENTS

### Protective Gloves:

RUBBER RECOMMENDED

### Eye Protection:

CHEMICAL SPLASH GOGGLES FACE SHIELD

### Other Protective Equipment:

Equipment IMPERVIOUS CLOTHING TO AVOID SKIN AND EYE CONTACT. EYE WASH STATION SAFETY SHOWER.

### Work Hygienic Practices:

AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH HANDS AFTER USING PRODUCT. AVOID BREATHING VAPORS OR MISTS.

### Supplemental Safety and Health:

NOTE TO PHYSICIAN:IN CASE OF INGESTION, GASTRIC LAVAGE WITH ACTIVATED CHARCOAL CAN BE USED. THE USE OF AN INTRATRACHEAL TUBE PREVENTS ASPIRATION. INDIVIDUALS INTOXICATED SHOULD BE HOSPITALIZED FOR OBSERVATION AND DELAYED EFFECTS ON BLOOD,HEART AND LUNGS. HYDROCARBONS MAY SENSITIZE HEART TO CATECHOLAMINES.

## Health Hazards Data

### LD50/LC50 Mixture:

LD50 (ORAL, RAT) NOT KNOWN

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

YES

### IARC:

YES

### OSHA:

YES

### Health Hazards Acute And Chronic:

ACUTE- INHALATION OF VAPORS MAY CAUSE CNS DEPRESSION, CONVULSION, LOSS OF CONSCIOUSNESS. INGESTION HAS SYMPTOMS SIMILAR TO INHALATION & ASPIRATION HAZARD. EYE/SKIN CONTACT CAUSES IRRITATION. CHRONIC- DERMATITIS, NERVOUS SYSTEM, KIDNEY, LIVER & BLOOD DISORDERS INCLUDING ANEMIA & LEUKEMIA. KIDNEY CANCER IN LAB ANIMALS.

### Explanation Of Carcinogenicity:

CONTAINS BENZENE. MAY CAUSE BLOOD DISEASES INCLUDING LEUKEMIA. VAPORS MAY CAUSE KIDNEY CANCER IN MALE RATS.

### Signs And Symptoms Of Overexposure:

HEADACHE, NASAL & RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, FATIGUE, EYE & SKIN IRRITATION, PULMONARY EDEMA, CONVULSION & LOSS OF CONSCIOUSNESS

### Medical Cond Aggravated By Exposure:

BENZENE- INDIVIDUALS WITH LIVER, KIDNEY AND BLOOD DISEASES. HEXANE- INDIVIDUALS WITH NEUROLOGICAL DISEASES. PETROLEUM SOLVENT- THOSE WITH EXISTING DERMATITIS.

### First Aid:

CALL A PHYSICIAN IN ALL CASES. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR & PROVIDE CPR/OXYGEN IF NECESSARY. ORAL: DO NOT INDUCE VOMITING. DO NOT DRINK LIQUIDS. OBTAIN EMERGENCY MEDICAL ATTENTION. SMALL AMOUNTS WHICH ACCIDENTALLY ENTER MOUTH SHOULD BE RINSED OUT UNTIL TASTE OF IT IS GONE.

### Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENTS. ELIMINATE ALL SOURCES OF IGNITION. USE EXPLOSION-PROOF TOOLS. SHUT OFF FUEL SOURCE. DIKE SPILL. PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS. RECOVER FREE LIQUID. ADD SAND, EARTH OR OTHER ABSORBENT MATERIAL. TRANSFER TO CONTAINER.

### Neutralizing Agent:

NOT APPLICABLE 8

### Waste Disposal Methods:

RECYCLE AS MUCH AS POSSIBLE. TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

### Handling And Storage Precautions:

STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS. KEEP CONTAINERS CLOSED.

### Other Precautions:

"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. AVOID REPEATED OR PROLONGED CONTACT WITH SKIN.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

### Flash Point Text:

-10F TO 30F

### Autoignition Temp:

### Autoignition Temp Text:

N/K

### Lower Limits:

1.3

### Upper Limits:

8

### Extinguishing Media:

DRY CHEMICAL, CARBON DIOXIDE, FOAM. WATER MAY BE INEFFECTIVE, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS

### Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

### Unusual Fire/Explosion Hazard:

VAPORS CAN TRAVEL SOME DISTANCE TO IGNITION SOURCES & FLASH BACK. VAPOR MAY EXPLODE IF IGNITED IN ENCLOSED AREA. RUNOFF TO SEWER MAY CAUSE FIRE OR EXPLOSION.

## Physical/Chemical Properties

### HCC:

F2

### NRC/State Lic No:

N/R

### Net Prop WT For Ammo:

### Net Prop WT:

### Net Prop Text:

N/P

### Boiling Point:

### B.P. Text:

NOT KNOWN

### Melt/Freeze Pt:

### Melt/Freeze Text:

NOT KNOWN

### M.P./F.P. Text:

### M.P./F.P. Text:

NOT KNOWN

### Decomp Temp:

### Decomp Text:

UNKNOWN

### Decomp. Temp. %:

### Decomp. Temp. %:

NOT KNOWN

### Vapor Pres:

### Vapor Pres. %:

103 - 155

### Vapor Density:

### Vapor Density. %:

NOT KNOWN

### Volatile Org Content %:

### Volatile Org Content %:

NOT KNOWN

### Spec Gravity:

### Spec Gravity. %:

NOT KNOWN

### VOC Pounds/Gallon:

### VOC Pounds/Gallon. %:

NOT KNOWN

### PH:

N/R

### VOC Grams/Liter:

### VOC Grams/Liter. %:

NOT KNOWN

### Viscosity:

### Viscosity. %:

N/P 10

### Evaporation Rate & Reference:

### Evaporation Rate:

NOT KNOWN

### Solubility in Water:

### Solubility in Water. %:

NEGLIGIBLE

### Appearance and Odor:

CLEAR LIGHT COLORED LIQUID - HYDROCARBON ODOR.

### Percent Volatiles by Volume:

100

### Corrosion Rate:

### Corrosion Rate. %:

UNKNOWN

### Conditions To Avoid Polymerization:

### Conditions To Avoid Polymerization. %:

NOT RELEVANT

## Toxicological Information

### Information:

### Information. %:

N/P

## Regulatory Information

### Sara Title III Information:

### Sara Title III. %:

N/P

### Federal Regulatory Information:

### Federal Regulatory. %:

N/P

### State Regulatory Information:

### State Regulatory. %:

N/P

## Other Information

### Other Information:

### Other Information. %: