

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64742-49-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

64742-49-0

Code:

M

RTECS:

Code:

X

Name:

NAPHTHA, HYDROTREATED LIGHT

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:

LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves:

NEOPRENE OR NATURAL RUBBER GLOVES

Eye Protection:

PAINT GOGGLES/SAFETY GLASSES AS REQUIRED

Other Protective Equipment:

Equipment INDUSTRIAL-TYPE WORK CLOTHING, HAT AND APRON AS REQUIRED. AN EYE WASH AND DRENCH SHOWER FACILITY SHOULD BE AVAILABLE.

Work Hygienic Practices:

USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR/SPRAY MIST. AVOID CONTACT WITH SKIN EYES. WASH HANDS AFTER USE. 6

Supplemental Safety and Health:

KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY.

Health Hazards Data

LD50/LC50/Mixture:

LD50 (ORAL RAT) IS ESTIMATED > 5 G/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

YES

Health Hazards Acute And Chronic:

EYE:IRRITATION. SKIN:MILDLY IRRITATING. PROLONGED CONTACT MAY CAUSE DERMATITIS AND TISSUE DEFATTING. INHALATION: RESPIRATORY SYSTEM IRRITATION AND LIGHT HEADEDNESS. MAY CAUSE NAUSEA, HEADACHE, DROWSINESS, VOMITING.

INGESTION: SOLVENT ASPIRATION INTO LUNGS AS A RESULT OF VOMITING MAY CAUSE LUNG AND DIGESTIVE SYSTEM DAMAGE

Explanation Of Carcinogenicity:

THIS PRODUCT CONTAINS APPROX. 1% BENZENE, A CARCINOGEN ALSO LINKED TO BLOOD, KIDNEY, AND NERVOUS SYSTEM DISORDERS.

Signs And Symptoms Of Overexposure:

4 VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. OVEREXPOSURE MAY RESULT IN FATIGUE, WEAKNESS, CONFUSION, EUPHORIA, DIZZINESS, HEADACHE, DILATED PUPILS, LACRIMATION, NERVOUSNESS, MUSCLE FATIGUE, INSOMNIA, PARESTHESIA, DERMATITIS, AND PHOBIA. CAN CAUSE TEARING, REDNESS OF EYES AND BLURRED VISION. IRRITATION OF SKIN.

Medical Cond Aggravated By Exposure:

PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, RESPIRATORY TRACT OR NERVOUS SYSTEM MAY BE AT INCREASED RISK FROM EXPOSURE. DRYING/CRACKING OF SKIN.

First Aid:

EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:

REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS. IF SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROVIDE PROTECTION FOR MEN AT TEMPTING TO STOP A LEAK.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

WASTE MATERIAL WILL LIKELY BE A HAZARDOUS WASTE (CODE D001) WHICH MUST BE DISPOSED OF ACCORDINGLY. DO NOT INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

CONTENTS ARE FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED-DO NOT SMOKE.

Other Precautions:

AVOID BREATHING OF VAPORS. EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS -- THEY MAY EXPLODE.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

Flash Point Text:

<-9F,<-23C 5

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

0.9 %

Upper Limits:

8 %

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:

FIRES OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. MATERIAL IS VERY VOLATILE AND GIVES OFF INVISIBLE VAPORS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Decomp Temp:

Decomp Text:

UNKNOWN

Vapor Pres:

2.0-3.0

Vapor Density:

>VAPOR=1

Volatile Org Content %:

N/A

Spec Gravity:

0.751-0.802

PH:

7

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

1-5 (n-BUTYL ACETATE=1)

Solubility In Water:

NEGIGIBLE

Appearance and Odor:

CLEAR WATER-WHITE LIQUID, FAINT PETROLEUM HYDROCARBON ODOR

100 % Volatile:

100 %

Corrosion Rate:

UNKNOWN

Conditions To Avoid Polymerization:

NONE WILL NOT OCCUR.

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

WARRANTY:

WARRANTY 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 COMMON INDUSTRIAL PRACTICES. IT DOES NOT REPRESENT ANY WARRANTY, EXPRESS OR IMPLIED, AS TO THE PRODUCT'S SUITABILITY FOR ANY PARTICULAR INDUSTRIAL PRACTICE. IT DOES NOT REPRESENT ANY WARRANTY, EXPRESS OR IMPLIED, AS TO THE PRODUCT'S SUITABILITY FOR ANY PARTICULAR INDUSTRIAL PRACTICE. IT DOES NOT REPRESENT ANY WARRANTY, EXPRESS OR IMPLIED, AS TO THE PRODUCT'S SUITABILITY FOR ANY PARTICULAR INDUSTRIAL PRACTICE.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

TERMS AND CONDITIONS OF SALE: THE INFORMATION PROVIDED HEREIN IS PROVIDED ON THE CONDITION THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES AND THAT THE PURCHASER WILL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE PRODUCT FOR THE PURCHASED PURPOSES.

<