

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-800/8001-79-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
8001-79-4
Code:
M

RTECS:
FI4100000
Code:
M

Name:
CASTOR OIL

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS.

Ventilation:
MECHANICAL VENTILATION/LOCAL EXHAUST

Protective Gloves:
IMPERVIOUS

Eye Protection:
CHEMICAL SPLASH GOGGLES/SAFETY GOGGLES

Other Protective Equipment:
Equipment 3 EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A UNDER THE SAME NSN.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS > 5000 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE-EYE:MAY CAUSE IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION & DERMATITIS.INHALED:VAPORS/OIL MISTS MAY BE MILDLY IRRITATING TO THE NOSE,THROAT & RESPIRATORY TRACT.ORAL:EXPECTED TO HAVE A LOW ORDER OF TOXICITY,BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS MAY CAUSE LUNG INJURY.CHRONIC- DERMATITIS.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
MAY IRRITATE EYES. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION & DERMATITIS. VAPORS/OIL MISTS MAY BE MILDLY IRRITATING. EXPECTED TO HAVE A LOW ORDER OF ORAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS MAY CAUSE LUNG INJURY. IF GREASE IS INJECTED THROUGH THE SKIN, CAN CAUSE SERIOUS TISSUE DAMAGE.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:
GET MEDICAL HELP IF SYMPTOMS PERSIST.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:WASH WITH SOAP & WATER.ORAL:DO NOT INDUCE VOMITING.CALL A PHYSICIAN IMMEDIATELY.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. S LEAK. CONTAIN LARGE SPILL. PUMP IT TO TRUCK. SOAK UP RESIDUE/SMALL SPILLS WITH CLAY/SAND. TRANSFER TO PROPER CONTAINER FOR DISPOSAL.FLUSH AREA WITH WATER. REPORT SPILLS AS REQUIRED.
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Neutralizing Agent:
N/R

Waste Disposal Methods:
DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346.

Handling And Storage Precautions:
STORAGE-STORE IN COOL PLACE.KEEP AWAY FROM HEAT,FLAME & STRONG OXIDANTS.

Other Precautions:
EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. CONSULT APPROPRIATE FEDERAL,STATE & LOCAL AUTHORITIES BEFORE REUSING,RECONDITIONING,RECLAIMING,RECYCLING /DISPOSING OF EMPTY CONTAINERS.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
399F,204C

Autoignition Temp:

Autoignition Temp Text:
>500F

Lower Limits:
0.9

Upper Limits:
7

Extinguishing Media:
WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

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:
FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE COMBUSTION.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
555F,291C

Melt /Freeze Pt:

M.P/F.P Text:
50.0F,10.0C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
< 0.01

Vapor Density:
> 5

Volatile Org Content %:

Spec Gravity:
0.87

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
45 SUS @ 210F

Evaporation Rate & Reference:

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
OIL

Percent Volatiles by Volume:
NEGLIG

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXTREME HEAT, OPEN FLAMES

Materials To Avoid:
STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE

Hazardous Decomposition Products:
FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

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

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WARRANTY

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