

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/141-24-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

141-24-2

Code:

M

RTECS:

Code:

X

Name:

CASTOR OIL; (DEGUMMED CASTOR OIL)

Other REC Limits:

N/K

OSHA PEL:

N/K (FP N)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K (FP N)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NEEDED. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:

IMPERVIOUS GLOVES (FP N).

Eye Protection:

ANSI APPRVD CHEM WORKERS GOGGS (FP N).

Other Protective Equipment:

Equipment EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices:

WASH HANDS AND EXPOSED SKIN AFTER CONTACT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

EVAPORATION RATE: 5.3 (BUTYL ACETATE=1) (SLOWER THAN XYLENE).

Health Hazards Data

LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD SKIN IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity:

2 NOT RELEVANT.

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

SKIN: WASH THOROUGHLY WITH SOAP AND WARM WATER. EYES: FLUSH WITH CLEAR WATER FOR AT LEAST 15 MINUTES OR UNTIL IRRITATION SUBSIDES. INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN OR ARTIFICIAL RESPIRATION) (FP N). INGESTION: CALL MD IMMEDIATELY (FP N).

Spill Release Procedures:

RECOVER FREE LIQUID. ADD ABSORBENT (SAND, EARTH, SAWDUST, ETC) TO SPILL AREA.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

ASSURE CONFORMITY WITH APPLICABLE REGULATIONS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS (FP N).

Handling And Storage Precautions:

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS OR FLAME. KEEP AWAY FROM PETS AND CHILDREN.

Other Precautions:

AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

Flash Point Text:

164F,73C

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

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

Fire Fighting Procedures:

WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). COOL EXPOSED CONTAINERS WITH WATER SPRAY. MINIMIZE BREATHING VAPOR OR FUMES.

Unusual Fire/Explosion Hazard:

DO NOT MIX OR STORE WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE OR CONCENTRATED OXYGEN.

Physical/Chemical Properties

HCC:

V4

NRC/State LIC No:

Net Prop WT For Ammo:

COC

Boiling Point:

B.P. Text:

365F,185C

M.P/F.P Text:

N/A

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

Spec Gravity:

1.214 (H₂O=1)

VOC Pounds/Gallon:

N/A

pH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

SUP DAT

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

LIGHT YELLOW/BROWN LIQUID, WITH MILD ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

STRONG OXIDANTS LIKE LIQUID CHLORINE, CONCENTRATED OXYGEN.

Hazardous Decomposition Products:

FUMES, SMOKE, CARBON MONOXIDE, AND SULFUR OXIDES IN THE CASE OF INCOMPLETE COMBUSTION.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT.

Avoid Polymerization:

NOT RELEVANT.

Toxicological Information

Information:

N/P

Information:

N/P