

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-112/112-14-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
112-14-1
Code:
M
RTECS:
AJ1400000
Code:
M
Name:
OCTYL ACETATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA TC23C CHEMICAL/MECHANICAL TYPE FILTER SYSTEM TO REMOVE A COMBINATION OF PARTICLES, GAS & VAPORS. USE AIR LINE IF NECESSARY.

Ventilation:
USE ADEQUATE MECHANICAL VENTILATION IN VOLUME & PATTERN TO KEEP

Protective Gloves:
RUBBER

Eye Protection:
GLASSES, GOGGLES W/GUARDS, SIDESHIELDS

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
WT PER GAL: 7.87 LBS.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: ANESTHETIC. IRRITATION OF RESPIRATORY, NERVOUS SYSTEM DEPRESSION, HEADACHES, NAUSEA, LOSS OF CONSCIOUSNESS. INGESTION: GASTROINTESTINAL IRRITATION INCLUDING VOMITING CAN OCCUR. ASPIRATION OF MATERIAL INTO LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. SKIN/EYE: IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS CAUSES PERMANENT CENTRAL NERVOUS SYSTEM DEPRESSION. INTENTIONAL MISUSE BY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. SKIN/EYE: IRRITATION. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD W/NO SYMPTOMS IMMEDIATELY APPARENT.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: RESTORE BREATHING. REMOVE TO FRESH AIR. KEEP WARM/QUIET. NOTIFY A PHYSICIAN. EYE: FLUSH W/COPIOUS AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINS. TAKE TO PHYSICIAN FOR DEFINITIVE MEDICAL TR EATMENT. SKIN: CLEAN & WASH AFFECTED AREA W/WATER. CONSULT PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

Spill Release Procedures:
VENTILATE AREA. REMOVE ALL POSSIBLE SOURCES OF IGNITION. CONFINED SPILL W/INERT ABSORBENT & CLEAN UP WITH SPARK-PROOF TOOLS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. LAND FILL OR INCINERATE IN APPROVED FACILITY BY LICENSED CONTRACTOR. DON'T INCINERATE IN CLOSED CONTAINER.

Handling And Storage Precautions:
DON'T STORE >120F. WHEN STORE LARGE QTYS, STORE IN BLDG DESIGNED/PROTECTED AGAINST FLAMMABLE LIQUIDS. DON'T TAKE INTERNALLY.

Other Precautions:
USE STATE LINES WHEN MIXING/TRANSFERRING MATERIAL. DON'T ALLOW MATERIAL TO FREE FALL MORE THAN 5 INCHES. FOR INDUSTRIAL USE ONLY. DON'T FLAME CUT, WELD, OR BRAZE ON COATED METAL W/OUT NIOSH/MSHA TC23C RESPIRATOR. AVOID BREATHING OF VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
15-25F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
0.9%

Upper Limits:
10.0% 4

Extinguishing Media:
FOAM, CO2, CHEMICAL POWDER

Fire Fighting Procedures:
FULL PROTECTIVE EQUIPMENT/SCBA. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

Unusual Fire/Explosion Hazard:
WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP, & EXPLODE WHEN EXPOSED TO EXTREME HEAT. KEEP CONTAINER TIGHTLY CLOSED.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
176-421F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
18.1

Vapor Density:
>AIR

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN ETHER

Solubility in Water:
N/K 5

Appearance and Odor:
N/K

Percent Volatiles by Volume:
70.7%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HOT SURFACES, HEAT, OPEN FLAMES, ELECTRICAL EQUIPMENT, STATIC DISCHARGE, IGNITION SOURCES, & SPARKS

Materials To Avoid:
STRONG ACID, ALKALIES, & OXIDIZERS

Hazardous Decomposition Products:
CO2, CO, SMOKE, COMBINATION OF PARTICLES, GAS & VAPORS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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