

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-123/123-92-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
123-92-2

Code:
M

RTECS:
NS9800000

Code:
M

Name:
ISOAMYL ACETATE (SARA III)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
100 PPM

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
100 PPM; 9394

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

Ventilation:
3 LOCAL IS NEEDED AT POINTS WHERE VAPOR CAN EXCAPE INTO THE WORKPLACE. MECHANICAL IS USED WHERE PRODUCT IS STORED/HANDLED.

Protective Gloves:
BUTYL GLOVES

Eye Protection:
MONOGOGGLES

Other Protective Equipment:
Equipment IMPERVIOUS CLOTHING.

Work Hygienic Practices:
EYE WASH FOUNTAIN, QUICK DRENCH SHOWER.

Supplemental Safety and Health:
NONE.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INGESTION-MAY CAUSE ABDOMINAL PSComfort, NAUSEA, VOMITING, DIARRHEA. SKIN-NO ABSORPTION. NO HARMFUL EFFECTS FROM AVAILABLE DATA. INHALATION-MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT, EXPERIENCED A S NASAL DISCOMFORT, DISCHARGE, WITH CHEST PAIN, COUGHING, HEADACHE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, UNCONSCIOUS

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptions Of Overexposure:
EYE-IRRITATION, STINGING, DISCOMFORT OR PAIN. SKIN-BRIEF CONTACT NOT IRRITATING, PROLONGED CONTACT-LOCAL REDNESS.

Medical Cond Aggravated By Exposure:
2 OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

First Aid:
INGESTION-GIVE 2 GLASSES OF WATER AND INDUCE VOMITING, GET MEDICAL HELP. SKIN-REMOVE CONTAMINATED CLOTHING, WASH BEFORE REUSE. WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL HELP. INHALATION-REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MEDICAL HELP. EYES-FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

Spill Release Procedures:
WEAR SUITABLE PROTECTIVE EQUIPMENT. COLLECT FOR DISOSAL. THIS PRODUCT MAY BE TOXIC TO FISH; AVOID DISCHARGE TO NATURAL WATERS.

Neutralizing Agent:
N/R

Waste Disposal Methods:
INCINERATE IN A FURNANCE WHERE PERMITTED UNDER FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
KEEP AWAY FROM HEAT AND FLAMES. KEEP CONTAINER TIGHTLY CLOSED. USE WITH ADEQUATE VENTILATION.

Other Precautions:
SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPOR OR MIST FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURES OR PRESSURES OR A SUDDEN INCREASE IN AIR INTO VACUUM EQUIPMENT MAY RESULT IN IGNITIONS WI THOUT THE PRESENCE OF IGNITION SOURCES.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
107F,42C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
1.1

Upper Limits:
7.5

Extinguishing Media:
APPLY ALCOHOL-TYPE OR AA PURPOSE FOAMS BY MANUFACTURER'S RECOMMENDED TECHNIQUES.

Fire Fighting Procedures:
FOR LARGE FIRES, USE CARBON DIOXIDE OR DRY CHEMICAL. FOR SMALL FIRES USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
THIS MATERIAL MAY PRODUCE A FLOATING FIRE HAZARD IN EXTREME CONDITIONS.

Physical/Chemical Properties

HCC:
F3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
=146.1C, 295.F

B.P. Text:
295F,146C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
4 MMHG

Vapor Density:
4.5

Volatile Org Content %:

Spec Gravity:
0.8757

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
0.42 (BUTYL ACETATE=1)

Solubility in Water:
0.2% @ 20C

Appearance and Odor:
TRANSPARENT, COLORLESS, MILD CHARACTERISTIC.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE.

Materials To Avoid:
STRONG OXIDIZING AGENTS, NITRIC ACID, SODIUM HYDROXIDE, ALKALI METALS, HYDROXIDES.

Hazardous Decomposition Products:
BURNING CAN PRODUCE THE FOLLOWING COMBUSTION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE IS HIGHLY TOXIC IF INHALED.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE 4

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