

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-78/78-92-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
78-92-2
Code:
M

RTECS:
EO1750000
Code:
M

Name:
SEC-BUTYL ALCOHOL (SARA III)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
150 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
100 PPM; 9394
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV LIMITS ARE EXCEEDED.

Ventilation:
LOCAL EXHAUST-USE TO MAINTAIN LEVELS BELOW TWA LIMITS. MECHANICAL-USE NON SPARKING EQUIPMENT.

Protective Gloves:
CHEMICAL RESISTANT GLOVES.

Eye Protection:
WEAR SAFETY GOGGLES OR GLASSES.

Other Protective Equipment:
Equipment NONE.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
TLV: NOT DETERMINED FOR PRODUCT.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES 3

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
METHYLENE CHLORIDE-EXCESSIVE INHALATION OR INGESTION CAN PRODUCE SYMPTOMS OF CNS DEPRESSION. CONTACT WITH EYE AND SKIN CAN CAUSE IRRITATION.

Explanation Of Carcinogenicity:
DOES NOT CONTAIN A CARCINOGEN.

Signs And Symptions Of Overexposure:
EYES-CAN CAUSE IRRITATION, REDNESS, BLURRED VISION. SKIN-PROLONGED CONTACT CAN CAUSE IRRITATION, DERMATITIS. INHALATION-CAN CAUSE IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE AND UNCONSCIOUSNESS O R ASPHYXIATION. INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
SKIN-WASH WITH SOAP AND WATER. EYES-FLUSH WITH COPIOUS AMOUNTS OF WATER, GET MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS IMPAIRED, GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

Spill Release Procedures:
CLEAN UP SPILL WITH ABSORBENT MATERIAL. ELIMINATE IGNITION SOURCES. WEAR GLOVES, GOGGLES AND GAS MASK IF TWA'S ARE EXCEEDED.

Neutralizing Agent:
N/R

Waste Disposal Methods:
DISPOSE OF WASTE INA CHEMICAL LANDFILL AS APPROVED BY CURRENT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

Handling And Storage Precautions:
PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM ACIDS, ALKALIS AND OPEN FLAMES.

Other Precautions:
NONE.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
128F,53C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CARBON DIOXIDE, FOAM, DRY CHEMICAL OR HALON.

Fire Fighting Procedures:
4 WEAR SELF-CONTAINED BREATHING APPARATUS. DO NOT EXTINGUISH WITH WATER.

Unusual Fire/Explosion Hazard:
NONE.

Physical/Chemical Properties

HCC:
F4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
8.7

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
N/K

Solubility in Water:
SLIGHT

Appearance and Odor:
GRAY/BLACK LIQUID, ORGANIC SOLVENT ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAMES.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
IRRITATING AND/OR TOXIC FUMES INCLUDING CO, CO2, H2S, AND SO2.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE.

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