

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms 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 OR 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 IN A 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:

N/R

Boiling Point:**B.P. Text:**

N/K

Melt/Freeze Pt:**M.P./F.P. Text:**

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:**Spec Gravity:**

8.7

VOC Pounds/Gallon:**VOC Grams/Liter:**

N/K

NH3:

N/K

Corrosion Rate:

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:**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

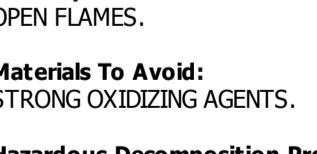
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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