

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-51/51-42-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
51-42-3
Code:
M

RTECS:
DO3500000
Code:
M

Name:
EPINEPHRINE BITARTRATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SHOULD BE NEEDED.

Ventilation:
GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS. 6

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:
Equipment CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:
WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:
REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): NOT GIVEN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ABSORBED THROUGH THE MUCOUS MEMBRANES PRODUCT CAN CAUSE LOCAL ANESTHESIA. MAY CAUSE CHANGES IN HEART RATE AND BLOOD PRESSURE, FAINTNESS, SWEATING, CNS EFFECTS. LOW INHALATION HAZARD EXPECTED WITH NORMAL USE. EYE CONTACT MAY CAUSE TRANSIENT IRRITATION. HARMFUL IF ABSORBED THROUGH THE SKIN. HARMFUL IF SWALLOWED.

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

Signs And Symptoms Of Overexposure:
NUMBNESS IN EXPOSED AREA, CHANGES IN HEART RATE AND BLOOD PRESSURE, FAINTNESS, SWEATING, DIZZINESS, NERVOUSNESS, DROWSINESS, BLURRED VISION, TREMORS, EYE IRRITATION.

Medical Cond Aggravated By Exposure:
ADVERSE EFFECTS COULD BE MORE PRONOUNCED IN THOSE RECEIVING MEDICATIONS TO ALTER BLOOD PRESSURE AND PEOPLE WITH CARDIOVASCULAR DISEASE OR DRUG SENSITIVITY OR ALLERGY.

First Aid:
INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: ONLY INDUCE VOMITING AT THE INSTRUCTION OF MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN ASAP.

Spill Release Procedures:
FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
5 DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. MAY REQUIRE NEUTRALIZATION IF PH < 2.0 OR PH > 12.5. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONFLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NOT GIVEN

Upper Limits:
NOT GIVEN

Extinguishing Media:
USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
T6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C

Melt/Freeze Pt:

M.P/F.P Text:
NOT GIVEN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
18

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
NOT GIVEN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
NOT GIVEN

Evaporation Rate & Reference:
NOT GIVEN

Solubility in Water:
COMPLETE 7

Appearance and Odor:
COLORLESS LIQUID, ODOR NOT SPECIFIED

Percent Volatiles by Volume:
97%

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY REASONABLY COME INTO CONTACT.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

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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