

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-616/616-42-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
616-42-2

Code:
M

RTECS:

Code:
X

Name:
DIMETHYL SULFITE (DIMETHOXY SULFOXIDE)

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:
USE NIOSH/MSHA APPROVED RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IF BATTERIES RUPTURE.

Ventilation:
USE ADEQUATE MECHANICAL VENTILATION. 5

Protective Gloves:
PVC, VITON

Eye Protection:
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment APRON MADE OF MATERIAL IMPERVIUOS TO MATERIAL. EYE WASH STATION SAFETY SHOWER.

Work Hygienic Practices:
WASH THOROUGHLY AFTER EACH CONTACT. LAUNDER CLOTHING BEFORE REUSE. DISPOSE OF CONTAMINATED FOOTWEAR.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
ACUTE: INHALATION- IRRITATION, BURNS OF MUCOUS MEMBRANES. EYES/SKIN- BURNS, IRRITATION. INGESTION: BURNS OF MOUTH, ESOPHAGUS, AND GI TRACT. CHRONIC: CONTAINS ARSENIC, A KNOWN CARCINOGEN, SKIN IRRITATI ON. KIDNEY DAMAGE, ANOREXIA, APATHY, CNS DEPRESSION.

Explanation Of Carcinogenicity:
ARSENIC, AN INGREDIENT, IS LISTED AS A KNOWN CARCINOGEN BY IARC, NTP, OSHA, AND EPA.

Signs And Symptions Of Overexposure:
INHALATION: BURNING, COUGHING, DIFFICULTY BREATHING, DIZZINESS, NAUSEA, COMA. EYES: BURNING, TEARING. SKIN: BURNING, REDDENING OF SKIN, BURNS. INGESTION: BURNING SENSATION IN MOUTH, ESOPHAGUS, AND STO MACH. BURNS IN SAME. NAUSEA, ABDOMINAL PAIN, DIZZINESS, PROSTATION. OTHER SYMPTOMS OF CNS DEPRESSION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER. PRE-EXISTING SKIN OR RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY OVEREXPOSURE.

First Aid:
INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION/OXYGEN IF REQUIRED. GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP. SKIN: WASH THOROUGHLY WITH SO AP AND WATER. IF IRRITATION PERSISTS, SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING! SEE DOCTOR IMMEDIATELY.

Spill Release Procedures:
PICK UP ALL BATTERIES. FOR RUPTURED BATTERIES: VENTILATE THE AREA, GET CHEMICAL PROTECTIVE EQUIPMENT, ABSORB FREE ELECTROLYTE ON PAPER OR VERMICULITE AND PLACE IN CONTAINER FULL OF OIL FOR DISPOSAL. C ONTACT LOCAL ENVIRONMENTAL MANAGER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.AFTER ABSORBTION, 1 % IODINE/5% POTASSIUM IODIDE

Waste Disposal Methods:
4 DO NOT INCINERATE. BURY IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT LOCAL ENVIRONMENTAL MANAGER.

Handling And Storage Precautions:
STORE IN COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION. AVOID TEMPERATURES OVER 110F.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
113F,45C (MSI)

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
DRY CHEMICAL, SODA ASH, LIME, SAND, OR LITHIUM-X.

Fire Fighting Procedures:
USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. SEAL AREA FROM UNEEDED PERSONNEL.

Unusual Fire/Explosion Hazard:
DO NOT USE WATER. MATERIAL IS WATER REACTIVE. FIRE AND EXPLOSION HAZARD. FIRE AND HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND/OR EXPLOSION.

Physical/Chemical Properties

HCC:
F8

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: UNKNOWN

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
UNKNOWN 6

Appearance and Odor:
SEALED BATTERY,6.25IN.X6.79 IN.X3.25 IN..ELECTROLYTE COLORLESS, ACETONE ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, AND SOURCES OF IGNITION.

Materials To Avoid:
STEAM, WATER, ACID, HEAVY METALS, OXIDIZERS, SILVER COMPOUNDS.

Hazardous Decomposition Products:
HYDROGEN, SULFUR OXIDES AND SULFUR HALIDES, OXIDES OF CARBON.

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