

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-722/7220-79-3.html> for suppliers of this product.

Composition/Information on Ingredient

7220-79-3
Code:
M

RTECS:
SP5740000
Code:
M

Name:
3,7-BIS(DIMETHYLAMINO)-,CHLORIDE,TRIHYDRATE, METH

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P

ACGIH STEL:
FPA Rpt Qty; DOT Rpt Qty; Ozone Depleting Chem

Conclusions

Respiratory Protection:
DUST/MIST/AIR-PURIFYING/POWERED AIR-PURIFYING/TYPE C SUPPLIED-AIR RESPIRATOR W/HIGH-EFFICIENCY PARTICULATE FILTER/TIGHT-FITTING FULL FACEPIECE OPERATED IN PRESSURE DEMAND/POSITIVE PRESSURE MODE/HELMET /HOOD IN CONTINUOUS-FLOW MODE/SCBA.

Ventilation:
LOCAL EXHAUST/GENERAL DILUTION: TO KEEP BELOW EXPOSURE LIMITS.

Protective Gloves:
RECOMMENDED

Eye Protection:
SPLASH-PROOF/DUST-RESISTANT GOGGLES

Other Protective Equipment:
Equipment IMPERVIOUS PROTECTIVE CLOTHING &EQUIPMENT , EYE WASH FOUNTAIN

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 1180 MG/KG

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: IRRITATION/STAINS. EYE: CORNEAL/CONJUNCTIVAL INJURY. 1% SOLUTION MAY STING/CAUSE TEMPORARY STAIN/LACRIMATION.
INGESTION: TOXIC/LARGE DOSES CAUSE HEINZ BODIES/HEMOLYSIS/MILD METHEMOGLOBINEMIA W/C YANOSIS/GASTROINTESTINAL & BLADDER IRRITANT/PARASYMPATHETIC RECEPTIVE SYSTEM DEPRESSION/ELEVATED TEMP BY CENTRAL ACTION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
N/K

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. IF BREATHING SS, PERFORM ARTIFICIAL RESPIRATION. KEEP WARM/AT REST. TREAT SYMPTOMATICALLY/SUPPORTIVELY. SKIN: WASH W/SOAP/MILD DETERGENT & PLENTY OF WATER FOR 15-20 MINS. EYE: FLUSH W/PLENTY OF WATER/NORMAL SALINE FOR 15-20 MINS. INGESTION: TREAT SYMPTOMATICALLY/SUPPORTIVELY. IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT ASPIRATION. OBTAIN MED ATTN.

Spill Release Procedures:
N/K

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
AVOID CONTACT W/SKIN & EYES.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:

N/P 2	
Flash Point:	
Flash Point Text:	
N/K	
Autoignition Temp:	
Autoignition Temp Text:	
N/A	
Lower Limits:	
N/K	
Upper Limits:	
N/K	
Extinguishing Media:	
DRY CHEMICAL, CO2, WATER SPRAY, OR FOAM. FOR LARGER FIRES, USE WATER SPRAY, FOG, OR ALCOHOL FOAM	
Fire Fighting Procedures:	
USE AGENTS SUITABLE FOR TYPE OF SURROUNDING FIRE. AVOID BREATHING HAZARDOUS VAPORS, KEEP UPWIND. USE SCBA W/FULL FACEPIECE/SUPPLIED AIR RESPIRATOR.	
Unusual Fire/Explosion Hazard:	
N/K	

Physical/Chemical Properties

NRC/State LIC No:

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 3

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: <7

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
4%

Appearance and Odor:
DARK GREEN CRYSTALS OR CRYSTALLINE POWDER W/BRONZE-LIKE LUSTER, ODORLESS.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
ALKALIES, DICHROMATES, ALKALI IODIDES, & REDUCING AGENTS

Hazardous Decomposition Products:
TOXIC & CORROSIVE FUMES OF CHLORIDES, & TOXIC OXIDES OF NITROGEN & SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

Information:N/P

Regulato

Federal Regulatory Information: N/P

Other Information:N/P

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WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used