

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12042-91-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12042-91-0
Code:
M

RTECS:
BD0550000
Code:
M

Name:
ALUMINUM CHLORHYDRATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
2 MG(AL)/CUM
Code:
M

ACGIHSTEL:
N/P
Code:
2

Control Measures

Respiratory Protection:
IF >TLV, WEAR NIOSH APPROVED RESPIRATOR.

Ventilation:
GENERAL VENTILATION: SUFFICIENT. IN CONFINED AREAS, USE LOCAL EXHAUST VENTILATION TO KEEP

Protective Gloves:
CHEMICAL RESISTANT (NITRILE OR VITON)

Eye Protection:
CHEMICAL SAFETY GLASSES OR GOGGLES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
PHYSICIAN NOTE: DECISION TO INDUCE VOMITING IS DONE BY PHYSICIAN. IF LAVAGE IS PERFORMED. SUGGEST ENDOTRACHEAL/ESOPHAGEL CONTROL. DON'T ADMINISTER SYMPATHOMIMETIC DRUGS UNLESS NECESSARY. NO SPECIFIC ANTIDOTE. TREATMENT IS BASED ON PHYSICIAN'S JUDGMENT. FLASH POINT (CONT'D): 1,1 DIFLUOROETHANE.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 8,000-15,000 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: HEADACHE, DIZZINESS, NARCOTIC EFFECTS, SLUGGISHNESS, UNCONSCIOUSNESS, COMA, OR DEATH. SKIN: DEFATTING, IRRITATION, OR DERMATITIS. EYES: CORNEAL DAMAGE OR IRRITATION.

Explanation Of Carcinogenicity:
CHLORODIFLUOROMETHANE IS A SUSPECTED HUMAN CARCINOGEN.

Signs And Symptions Of Overexposure:
INHALATION: HEADACHE, DIZZINESS, NARCOTIC EFFECTS, SLUGGISHNESS, UNCONSCIOUSNESS, COMA, OR DEATH. EYES: CORNEAL DAMAGE OR IRRITATION. SKIN: DEFATTING, IRRITATION, OR DERMATITIS. INGESTION: IRRITATION.

Medical Cond Aggravated By Exposure:
DISEASES OF THE CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM

First Aid:
EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. CONTACT PHYSICIAN IF MATERIAL HAS BECOME IMBEDDED. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING SS, ADMINISTER RESUSCITATION O R OXYGEN IF REQUIRED. INGESTION: DON'T INDUCE VOMITING. AVOID ASPIRATION INTO THE LUNGS. NOTE TO PHYSICIAN: SEE SUPP.

Spill Release Procedures:
ABSORB W/INERT MATERIAL & DISPOSE OF IN TRASH. WEAR PROTECTIVE CLOTHING. VENTILATE AREA. DIKE THE SPILL TO PREVENT IT FROM CONTAMINATING GROUND WATER SYSTEMS. TRANSFER TO HOLDING CONTAINERS DESIGNED F OR THIS PURPOSE.

Neutralizing Agent:
N/K

Waste Disposal Methods:
RECYCLE IF POSSIBLE OR DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. FLAMMABLE OR COMPLESSED GAS. UN 1954.

Handling And Storage Precautions:
STORE <120F. KEEP OUT OF REACH OF CHILDREN. DON'T USE DAMAGED OR DEFORMED CANS.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
-58F (SEE SUPP) 3

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.8%

Upper Limits:
16.9%

Extinguishing Media:
WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, OR CO2

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS. USE WATER FOG TO COOL THE CANS. WATER FOG MAY BE USED TO COOL CANS TO PREVENT EXPLOSION.

Unusual Fire/Explosion Hazard:
HEAT CAUSES CAN TO PRESSURIZE/EXPLODE SPEWING FLAMMING MATERIAL. PROPELLANT IS >AIR/TRAVELS TO IGNITION SOURCE. FLAMMABLE OR COMPRESSED GAS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
165F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
80 PSIG

Vapor Density:
4.5

Volatile Org Content %:

Spec Gravity:
1.29 4

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN BU AC

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
WHITE LIQUID W/CHLORINATED ODOR.

Percent Volatiles by Volume:
91%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
IGNITION SOURCES SUCH AS HEAT

Materials To Avoid:
ALKALI METALS SUCH AS ALUMINUM &ZINC

Hazardous Decomposition Products:
HYDROGEN CHLORIDE, SMALL AMOUNTS OF PHOSGENE ALONG W/CO, CO2, &NITROGEN OXIDES, HYDROFLUORIC ACID &CARBONYL FLUORIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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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WARRANTY

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