

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-132/1327-41-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1327-41-9

Code:
M

RTECS:
BD0549500

Code:
M

Name:
POLYALUMINUM CHLORIDE

Other REC Limits:

N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

USE A NIOSH APPROVED RESPIRATOR IF MISTS OR VAPORS IN AIR.

Ventilation:

LOCAL EXHAUST: RECOMMENDED.

Protective Gloves:

RUBBER, NEOPRENE

Eye Protection:

GOGGLES, FACE SHIELD

Other Protective Equipment:

Equipment AS NEEDED

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SKIN: DERMATITIS. EYE: IRRITATION & BURNS. INHALATION: NOSE & RESPIRATORY IRRITATION. INGESTION: TOXIC, NAUSEA, VOMITING, DIARRHEA, BURNS TO MUCOUS MEMBRANES, LIVER & KIDNEY DAMAGE.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SKIN: DERMATITIS. EYE: IRRITATION & BURNS. INHALATION: NOSE & RESPIRATORY IRRITATION. INGESTION: TOXIC, NAUSEA, VOMITING, DIARRHEA, BURNS TO MUCOUS MEMBRANES, LIVER & KIDNEY DAMAGE.

Medical Cond Aggravated By Exposure:

RESPIRATORY PROBLEMS.

First Aid:

EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE AIR OR OXYGEN IF NEEDED. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES IF REQUIRED.

Spill Release Procedures:

WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE TO CONTAIN SPILL. REMAINDER SPILL DILUTE W/WATER & DILUTE ALKALI. NEUTRALIZE W/SODA ASH & LIME. SOAK UP OR VACUUM NEUTRALIZED MATERIAL & PLACE IN CONTAINERS FOR DISPOSAL. FLUSH RESIDUE W/WATER.

Neutralizing Agent:

SODA ASH & LIME.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL & DRY AREA. DON'T HEAT TO DECOMPOSITION TEMPERATURE. DON'T BREATHE VAPORS & MISTS. AVOID CONTACT W/SKIN & CLOTHING.

Other Precautions:

USE ONLY W/SUFFICIENT VENTILATION. DON'T EAT, DRINK, & SMOKE IN WORK AREAS. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/K

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

PRODUCT WILL NOT BURN. USE PROPER EXTINGUISHING MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:

PRODUCT CAN REACT W/METALS ESPECIALLY SOFT METALS SUCH AS ALUMINUM, & ZINC. PRODUCT IS FLAMMABLE & EXPLOSIVE IN THE PRESENCE OF AN IGNITION SOURCE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

N/P

Boiling Point:

B.P. Text:

212F

Melt/Freeze Pt.:

M.P./F.P. Text:

N/K

Decomp Temp:

Decomp Text:

Vapor Pres:

17

Vapor Density:

N/K

Volatile Org Content %:

Spec Gravity:

1.20

VOC Pounds/Gallon:

PH:

2.6

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

Solubility in Water:

100%

Appearance and Odor:

LIQUID ODORLESS.

Percent Volatiles by Volume:

65-70

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

IGNITION SOURCES & HEAT.

Materials To Avoid:

ALKALINE, ALUMINUM, & GALVANIZED SURFACES.

Hazardous Decomposition Products:

HYDROGEN CHLORIDE & HYDROGEN.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

Regulatory Information

Title III Information:

N/P

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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