

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-7784-7784-13-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

7784-13-6

**Code:**

M

**RTECS:**

BD0530000

**Code:**

M

**Name:**

ALUMINUM CHLORIDE

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

2 MG/CUM

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

NIOSH APPROVED DUST/MIST RESPIRATOR W/CHEMICAL GOGGLES

**Ventilation:**

LOCAL OR GENERLA EXHAUST TO KEEP EXPOSURE BELOW AIRBORNE LIMITS.

**Protective Gloves:**

REQUIRED

**Eye Protection:**

CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**

Equipment CLEAN BODY COVERING CLOTHING, EYE WASH FOUNTAIN, QUICK DRENCH FACILITY

**Work Hygienic Practices:**

CONTACT LENSED SHOULD NOT BE WORN WHEN WORKING W/THIS MATERIAL.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL LD50 (MOUSE): 770 MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHALATION: RESPIRATORY TRACT IRRITATION. SKIN: IRRITATION. EYES: IRRITATION.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

EYES: REDNESS, PAIN. INGESTION: NAUSEA, VOMITING, ABDOMINAL SPASMS. INHALATION: SHORTNESS OF BREATH, SORE THROAT, COUGHING.

**Medical Cond Aggravated By Exposure:**

SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. INGESTION: GIVE SEVERAL GLASSES OF WATER TO DILUTE. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN W/PLENTY OF WATER FOR 15 MINUTES. EYES : WASH W/PLENTY OF WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

VENTILATE AREA. PICK UP & PLACE IN SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOESN'T GENERATE DUST.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF IN A RCRA APPROVED HAZARDOUS WASTE FACILITY. ENSURE COMPLIANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP IN A TIGHTLY CLOSED CONTAINER. PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM HEAT SOURCES.

**Other Precautions:**

N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

N/K

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

SUITABLE FOR SURROUNDING FIRE

**Fire Fighting Procedures:**

WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

**Unusual Fire/Explosion Hazard:**

N/K

## Physical/Chemical Properties

**HCC:****NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:****Melt/Freeze Pt:****21P/F.P. Text:****Decomp Temp:****Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:****Spec Gravity:**

2.39

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:****Nanocty:****Evaporation Rate & Reference:**

N/K

**Solubility in Water:****COMPLETE in Water:****Appearance and Odor:**

WHITE CRYSTALLINE POWDER W/NO ODOR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition to Avoid:****N/K****Materials To Avoid:**

WATER, MOIST AIR

**Hazardous Decomposition Products:**

HYDROGEN CHLORIDE

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

## MSDS/Transport Information

**Information:**

## 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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