

## SAFETY DATA SHEET

Creation Date 10-Sep-2010

Revision Date 27-May-2019

Revision Number 6

### 1. Identification

<b>Product Name</b>	<b>Aluminium chloride</b>
<b>Cat No. :</b>	<b>AC195780000; AC195780010; AC195780050; AC195780051; AC195785000</b>
<b>CAS-No</b>	7446-70-0
<b>Synonyms</b>	Al

**Precautionary Statements****Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Use only outdoors or in a well-ventilated area

**Response**

Immediately call a POISON CENTER or doctor/physician

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Ingestion**

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Storage**

Store locked umn

**Most important symptoms and effects**

Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation

**Notes to Physician**

Treat symptomatically



**Incompatible Materials** Water, Strong oxidizing agents, Alkali metals, Strong bases, Metals

**Hazardous Decomposition Products** Hydrogen chloride, Hydrogen chloride gas

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing. Reacts violently with water.

## 11. Toxicological information

### Acute Toxicity

#### Product Information

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aluminum chloride	LD50 = 3470 mg/kg ( Rat )	LD50 > 2 g/kg ( Rabbit )	Not listed

**Toxicologically Synergistic Products** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation** Causes burns by all exposure routes

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Aluminum chloride	7446-70-0	Not listed	Not listed	Not listed		

### Reproductive Effects

**Teratogenicity** No information available.

**STOT - single exposure** Respiratory system

**STOT - repeated exposure**

### Aspiration

**Symptoms / effects, acute and delayed (y) Tj4ot listed**

severe swelling, severe damage to the delicate tissue and danger of perforation

### Environmental

See toxicological properties

**Mobility** Is not likely mobile in the environment.

### 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### 14. Transport information

#### DOT

<b>UN-No</b>	UN1726
<b>Proper Shipping Name</b>	ALUMINUM CHLORIDE, ANHYDROUS
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

#### TDG

<b>UN-No</b>	UN1726
<b>Proper Shipping Name</b>	ALUMINUM CHLORIDE, ANHYDROUS
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<b>Packing Group</b>	II

#### IATA

<b>UN-No</b>	UN1726
<b>Proper Shipping Name</b>	ALUMINIUM CHLORIDE, ANHYDROUS
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

#### **IMDG/IMO**

**Clean Air Act** Not applicable

**OSHA - Occupational Safety and Health Administration** Not applicable

**CERCLA** Not applicable