

Material Safety Data Sheet

Poly Aluminium Chloride

Section 1: Chemical Product and Company Identification

Chemical Product:

Product Name: Poly Aluminium Chloride

Synonyms: Polyaluminium Chloride, PAC, poly aluminum chloride, basic poly aluminium chloride, Aluminium chlorohydrate

CAS No. 1327-41-9

EC No. 215-477-2

Molecular Formula: $Al_n(OH)_mCl_{(3n-m)}$, $0 < m < 3n$

Company Identification:

Name of the company: Hainan Hua Yangshun Import and Export Co., Ltd

Address of the company: Longqiao town, Longhua district, Haikou, Hainan,

China

Telephone number : +86 18754130113

Fax number:

Emergency phone number:0371-64133426

Section 2: Hazards Summarizing

No adverse health effects if the product is correct used. Symptoms that may arise if the product is mishandled are:

Swallowed: May cause nausea, vomiting and respiratory irritation.

Eye: May cause eye irritation.

Skin: May cause irritation with prolonged contact.

Inhaled: May irritate the mucous membranes.

Chronic effects: No known effects

Section 3: Composition and Information on Ingredients

Component	Cas No.	Concentration(weight percent, %)
Poly aluminium chloride	1327-41-9	100%

Section 4: First Aid Measures

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if felt uncomfortable.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if felt uncomfortable.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Inhalation: Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

Protecting of first-aiders: Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Section 5: Fire-fighting Measures

Material is non flammable. On burning will emit fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Extinguishing media

Suitable extinguishing agents: use fire fighting measures that suit the environment

Advice for firefighters

Wear self-contained breathing apparatus, wear full protective suit

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

gloves and safety glasses. Avoid the presence of ignition sources, don't smoke.

Environmental precautions

Do not allow material to be released to the environment without proper governmental permits.

Methods and materials for containment and cleaning up

Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation

Prevention of secondary hazards:

No special measures required

Section 7: Handling and Storage

Store in a cool place out of direct sunlight. Store in well ventilated area. Store away from oxidizing agents and foodstuffs. Prevent severe overheating as overheating may produce hydrogen chloride gas

Section 8: Exposure Controls/Personal Protection

Eye Protection: Safety glasses.

Skin Protection: Gloves and protective clothing made from rubber or plastic should be impervious under conditions of use.

Safe protection and hygienic measures: respect the usual precaution measures relative to the handling of chemical products

Section 9: Physical and Chemical Properties

Appearance: White powder, Yellow powder, Brown powder

PH value: 3.5-5.0

Odor: No information available

Initial boiling point and boiling range(°C): No information available

Melting point/freezing point(°C): No information available

Density(20°C) (g/cm³): Not applicable

Saturated vapor pressure (kPa): Not applicable

Evaporation rate: Not applicable

Viscosity(mm²/s): Not applicable

Flash point(°C): Not applicable

N-octanol/water partition coefficient: No information available

Decomposition temperature(°C): No information available

Auto-ignition temperature(°C): No information available

Upper/lower explosive limits[% (v/v)]: Upper limit : No information available ;

Lower limit : No information available

Solubility: Miscible with water

Flammability: No information available

Section 10: Stability and Reactivity

Stability

Stable under proper operation and storage conditions

Conditions to avoid

No decomposition if used and stored according to specifications

Hazardous decomposition products

None

Section 11: Toxicological Information

Skin irritation/corrosion

Causes skin irritation.

Eye irritation/corrosion

Causes serious eye damage

Skin sensitization

No information available

Respiratory sensitization

No information available

Germ cell mutagenicity

No information available

Reproductive toxicity

No information available

STOT-single exposure

May cause respiratory irritation

STOT-repeated exposure

No information available

Aspiration hazard

No information available

Section 12: Ecological Information

Chronic aquatic toxicity

No information available.

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

No information available

Other deleterious effect

No information available.

Section 13: Disposal Considerations

Recover the product if possible.

Section 14: Transport Information

UN number: None

UN proper shipping name: None

Transport hazard class: None

Packing group: None

Marine pollutant (Yes/No): No

Transport/Additional information: Not dangerous according to the above specifications.

Section 15: Regulatory Information

Regulatory information

Component	A	B	C	D	E	F	G	H
Poly	Not	Not	Not	Not	Not	Not	Not	Not
Aluminium	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Chloride								

【A】 Catalog of Hazardous Chemicals(2015 Edition), Notice 5th 2015, China State

Administration of Work Safety.

【B】 Catalog of Priority Hazardous Chemicals for Environment Management, Notice

33th 2014, Ministry of Environmental Protection of PRC.

【C】 List of Toxic Chemicals Restricted to be Imported/Exported in China, Notice 85th 2013, Ministry of Environmental Protection of PRC.

【D】 Catalog of Stupeficient and Psychotropic Substances(2013Edition), Notice 230th 2013, China Food and Drug Administration.

【E】 Catalog of Hazardous Chemicals for Priority Management (First and Second batches) , Notice 95th, 2011, Notice 12th 2013, China State Administration of Work Safety.

【F】 List of Ozone Depletion Chemicals Controlled to be Imported/Exported in China (First to Sixth batches) , Notice from 2000 to 2012 Ministry of Environmental Protection of PRC.

【G】 Dangerous Chemicals Directory Used to Manufacture Exploder(2011 Edition), Notice 25th Nov. 2011, Ministry of Public Security of PRC1.

【H】 Catalog of Highly Toxic Chemicals, Notice 142th 2003, China Ministry of Health.

Section 16: Other Information

Information on revision

Creation Date: 2016/06/13

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Reason for revision -

Disclaimer



Hai nan Hua Yang shun
Import and Export Co.,Ltd

This Safety Data Sheet (SDS) was prepared according to GB/T16483 and GB/T17519.

The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge.

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