



POLYALUMINIUM CHLORIDE

ISSUED: NOVEMBER 06-19-2007

Not classified as hazardous according to criteria of Work safe China.

TRADE NAME : Poly Aluminium Chloride

OTHER NAMES : PAC Solid; Poly Aluminium Chloride Solid

U.N. NO. : None Allocated DG CLASS : None Allocated. SUB RISK : None Allocated

HAZCHEM : None

Allocated

POISON SCHEDULE : None Allocated

USES : Water treatment chemical.

1. PHYSICAL DESCRIPTION/ PROPERTIES

Appearance, odour : Pale, yellow, hygroscopic powder.

Melting Point : Not Available Boiling Point : Not Available Bulk Density : 0.65 g/cm³

Vapour Density (air=1) : Not Available Vapour Pressure (20° C) : Not Available Flash Point (Closed cup) :

Not Available Flammability Limits (%) : Not Available Autoignition Temp (° C) : Not Available pH (1%

Solution w/v) : 3.5 - 5.0 Solubility in water (g/L) : Soluble

2. INGREDIENTS

Chemical Name CAS Number Proportion Poly Aluminium Chloride 1327-41-9 >99%

3. HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and

the product label. Symptoms that may arise if the product is mishandled are:

ACUTE EFFECTS -

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.

4. FIRST AID

SWALLOWED: Give water to drink. Do not induce vomiting. Seek immediate medical attention.

EYE:

Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.

SKIN: Wash with soap & water. Remove contaminated clothing, launder clothes before reuse. If irritation



persists seek medical advice.

INHALED: Remove to fresh air. Seek medical attention if irritation persists.

5. ADVICE TO DOCTOR

Treat symptomatically.

6. TOXICITY

No information available

7. EXPOSURE STANDARDS

No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).

8. ENGINEERING CONTROLS

Use in a well-ventilated area. Local exhaust ventilation is recommended.

9. PERSONAL PROTECTION

Avoid skin and eye contact and inhalation of dust. Wear overalls, eye protection & gloves.

Respiratory

protection is required in dusty environment. Use an approved dust mask. Use with adequate ventilation.

Always wash hands before smoking, eating, drinking or using the toilet.

10. FLAMMABILITY

Not flammable

11. STORAGE AND TRANSPORT

Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road

and Rail. 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.

12. SPILLS

Wear protective equipment to prevent skin and eye contamination and inhalation of dust.

Sweep up but avoid generating dust. Collect and place in properly labelled containers for disposal. Residues

may be flushed to drain with large amounts of water if permitted.

13. DISPOSAL

Refer to State Land Waste Management Authority.

14. FIRE/EXPLOSION HAZARDS



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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: Water spray, foam, dry agent (carbon dioxide, dry chemical powder).

15. ENVIRONMENTAL IMPACT

No known effects.

16. PRINCIPAL REFERENCES

This chemical is listed on the China Water Treatment Inventory of Chemical Substances.

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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