



Aluminum Chlorohydrate Solution PRODUCT BULLETIN

CAS NUMBER: 12042-91-0

CHEMICAL FORMULA: $\text{Al}_2(\text{OH})_5 \text{Cl}$

DESCRIPTION: Colorless to slightly yellow color; clear to slightly hazy appearance.

APPLICATION:

- Water and wastewater treatment
- Catalyst
- Antiperspirants

CHEMICAL AND PHYSICAL PROPERTIES:

	Minimum	Maximum
* Al_2O_3 % by wt.	23.0	24.0
Chlorides (wt. %)	7.9	8.4
Al:Cl (mole ratio)	1.9	2.1
Specific Gravity 20°C	1.3	1.4
pH (30% w/w)	4.0	4.5

*Certificate of Analysis Properties

PACKAGING: 4,500 gallon rubber lined steel or FRP tank trucks, lined railcars, plastic intermediate bulk containers, 55 gallon plastic drums.

HANDLING & STORAGE:

Materials of Construction:

Storage tanks – Premium vinylester resin FRP, rubber lined steel

Pumps – Fluoropolymer lined pumps, Hastelloy®, alloy 20

Piping – Fluoropolymer or polypropylene lined steel, FRP, CPVC

SAFETY:

Aluminum chlorohydrate solution should be handled in open or well ventilated areas. Eye and skin contact is prevented through the use of safety glasses, goggles, face shield, protective clothing, and gloves. Contact with aluminum chlorohydrate solution should be removed with copious amounts of water. **Do not use this product until the MSDS has been read, understood, and required safety precautions are followed.**

(over)

SHIPPING POINTS: Chickasaw, Alabama; Lake Charles, Louisiana; Pasadena, Texas

DOT MARKINGS: N/A

SALES OFFICE

For Product Information:

TEL: 662-494-3055

FAX: 662-494-2828

Post Office Drawer 1217

West Point, MS 39773

To Place an Order:

TEL: 800-953-3585

FAX: 800-953-3588

IMPORTANT

The information on this Product Bulletin is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.