Global Poly Aluminum Chloride Market Information-by Type (Liquid and Powder), by Application (Water Treatment, Paper Industry, Cosmetic Additive, Oil & Gas and Others) and by Region - Forecast till 2022

Synopsis of Poly Aluminum Chloride Market:
The Global Poly Aluminum Chloride Market is expected to witness a significant growth by 2022 with CAGR of ~ 5.09 % between 2016 and 2022.

Poly Aluminum Chloride also known as PAC, is a basic salt of Aluminum Chloride which gives much more coagulation and flocculation power than aluminum salts. The chemical formula of Poly Aluminum Chloride and CAS number are and CAS number (PAC) AlnCL(3n-m) (OH) 1327-41-9 respectively. Poly Aluminum Chloride is a basic salt of Aluminum Chloride which gives much more coagulation and flocculation power than aluminum salts. The production process involves 4 stages namely: raw material feeding, process reaction, filtration and formulation of derivatives. The main raw materials utilized in production of Poly Aluminum Chloride are Sulphuric Acid, Aluminum Hydroxide, and Hydrochloric Acid among others. In addition, it has various properties such as insipidness, innocuous and easily dissolve in water owing to which, the use is diverse in a number of applications, mainly in waste water treatment, paper industry, cosmetic additives, oil & gas and others.

The factors that are driving the market are, alum is substituted by Poly Aluminum Chloride which is poised to be major driving factor. Aluminum which is also known as Aluminum Chloride is majorly utilized as coagulant in water treatment. Generally, large sludge volumes are produced with alum which requires de-sludging operations. This causes increased wastage of water and there is a possibility that aluminum might get carried over in water treatment. In addition, owing to cost factor, PAC cost more as complex forms are derived from aluminum salts. In order to save cost and produce good quality water, producers use alum in case when raw water is treatable but when raw water is difficult to treat PAC is necessary. Thus, many countries are replacing alum with Poly Aluminum Chloride for water and sewage treatment with increasing industrial and agriculture waste. Therefore, in coming years it is expected to have higher demand of Poly Aluminum Chloride in all water treatment plants.

Global Poly Aluminum Chloride Market, By Type, 2016(%):
Regional Analysis:

Geographically, Asia Pacific region is the largest market of Poly Aluminum Chloride due to demand in various applications such as water treatment and paper industry. China occupies the major share in Asia Pacific region followed by India and Japan. Rising demand for paper industry due to increasing population in the India and rest of Asia Pacific has made Asia Pacific the largest consumer of the Global Poly Aluminum Chloride Market. Asia Pacific dominated the market with a share of 52.59%, having accounted for 726.00 '000 Tons in 2015 and is projected to grow at the highest CAGR of 5.00% from 2015 to 2022. Furthermore, the second largest market of Poly Aluminum Chloride is European region owing to the increasing consumption of Poly Aluminum Chloride Market in this region. However, the demand of Poly Aluminum Chloride is comparatively less in the Middle East & Africa and Latin America. Europe, occupies the market share of 17.34% in 2015, was 239.34 '000 Tons in 2015; it is projected to grow at a CAGR of 4.60%. However, the consumption of Poly Aluminum Chloride is comparatively less in the Middle East & Africa and Latin America.

North America is the third largest market for Poly Aluminum Chloride, according to the U.S environment protection agency, printing and writing papers typically found in school or office environment such as copier paper, computer printouts and notepads comprise the largest category of paper product consumption, owing to this factor the market for paper industry in this region is growing at a steady rate.

Segmentation:

The Global Poly Aluminum Chloride Market is majorly segmented on the basis of form, and region. Firstly, based on form, Global Poly Aluminum Chloride Market is segmented into liquid and solid. Based on application, the market is segmented into water treatment, paper industry, cosmetic additive, oil & gas, and others. Based on region market is divided into North America, Europe, APAC, Latin America, Middle East & Africa.

Key Players:

Key players of the Global Poly Aluminum Chloride Market are Kemira, GEO Specialty Chemicals, Airedale Chemical Company Limited, Feralco AB, Gujarat Alkalies and Chemical Ltd., Grasim Industries Ltd, Synergy Pvt. Ltd. among others.

Geographic Analysis:

The report covers brief analysis of geographical region such as:

North America
- US
- Canada

Europe
- Germany
- France
- Spain
- K
- Rest of Europe

APAC
Key Findings:

- Global Poly Aluminum Chloride Market is projected to reach USD 833.1 million in 2022 with a CAGR of 5.09%.
- North America accounted for the third largest share due to growing application industries in this region.
- Total number of companies increased by 15-20% approximately over the period of 2011 to 2016 & are dominated by micro-size establishments specially in developing markets like China and India.
- Poly Aluminum Chloride Market is a fragmented market, however, tier 1 and tier 2 manufacturers dominate the market.
- Asia Pacific dominate the market for with 49%, followed by Europe and North America. Asia Pacific is forecast to be the fastest growing region in Poly Aluminum Chloride Market at close to 5.39% CAGR from 2016 to 2022.
- Water Treatment dominate the market for with 62%, followed by paper industry and Cosmetic additive.

Intended Audience:

- Poly Aluminum Chloride manufacturers
- Traders and distributors of Poly Aluminum Chloride
- Production Process industries
- Potential investors
- Raw material suppliers
- Nationalized laboratory