Carboxymethyl Cellulose Market is estimated to be US$ 1.8 billion by 2022 with a CAGR of 5.2% over the forecast period (2022-2032)

Carboxylmethyl cellulose is an anionic, water-soluble cellulose derivative, CMC is soluble in water at any temperature, due to its high hygroscopic nature and CMC hydrates rapidly. Carboxymethyl cellulose or cellulose gum is a cellulose derivative in which the carboxymethyl groups are attached to some of the hydroxyl groups of the glucopyranose monomers that form the cellulose backbone. Cellulose gum enhances the aesthetics of finished products by providing a smooth texture and improves the viscosity of various food, personal care products and pharmaceutical formulations. It is usually used as the sodium salt, sodium carboxymethyl cellulose, sold under the registered trademark Tylose of SE Tylose. Carboxymethyl cellulose is used in coated tablets, due to the high viscosity and purity of the products, it is also used to form gels as a stabilizing agent in suspensions and sprays. Carboxymethyl cellulose is a sodium salt derivative of cellulose, unlike cellulose, it is water soluble and can act as a suspending agent, stabilizing agent, stabilizer, and film former or thickening agent. CMC is used in gluten-free baking by providing dough and bread with a dough and viscosity similar to gluten protein, it also works well as a thickener and glaze as an agent to slow the crystallization of sugar. Carboxymethyl cellulose can provide varying efficiency depending on its degree and uniformity of modification by sodium ion, chain length, and cellulose backbone. Growing population, changing lifestyles of consumers are expected to drive the growth of the global food industry. Development of the processed food industry, expansion of drug and makeup manufacturing, and development of oil penetrating exercises are the main considerations driving the growth of the carboxymethyl cellulose market.

The report **"Carboxymethyl Cellulose Market, By Application (Food & Beverages, Oilfield, Paper & Pulp, Detergents, Coatings, and Others), By Property (Thickening Agent, Stabilizer, Binder, Anti-Repository Agent, Lubricator, Emulsifier and Excipient), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends,m Analysis and Forecast till 2030 "**

Key Highlights:

- In an October 2022, recently published article in the journal Carbohydrate Polymers, researchers discuss the development of self-powered, high-performance strain sensors using carboxymethyl cellulose-supported polyaniline and conductive hydrogels.
- In March 2O19, Nippon Paper Industries announced the construction of a new facility for the functional cellulose product carboxymethyl cellulose at the Gotsu mill at the Panel.
- In January 2020, J.M. Huber announced the sale of its carboxymethyl cellulose business to Nouryon, a global specialty chemicals company.

Analyst View:

Carboxymethyl cellulose is commonly used in soft drinks and dry mixes of soft drinks to provide a rich mouth feel. It is also used in acidified protein drinks to stabilize proteins and prevent degradation, and CMC is also widely used in food products to absorb and retain water, control crystal growth, thicken as a binder, extend shelf life, and provide desired texture or the body. CMC is not absorbed or digested, so while the FDA allows inclusion on food labels with "dietary fiber," CMC is not as healthy as fiber from

natural foods. Furthermore, growing awareness among consumers about the potential negative effects of gluten and fat consumption is increasing the demand for gluten and fat-free food products, a factor driving the demand for the carboxymethyl cellulose market. Innovation in the carboxymethyl cellulose market is increasing worldwide, driven by technological developments in carboxymethyl cellulose products that are more efficient to use

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Key Market Insights from the report:

Carboxymethyl Cellulose Market accounted for US$ 1.8 billion in 2022 and is estimated to be US$ 2.7 billion by 2032 and is anticipated to register a CAGR of 5.2%. The Carboxymethyl Cellulose Market is segmented based on Application, Property and Region.

- Based on Application, Carboxymethyl Cellulose Market is segmented into Food & Beverages, Oilfield, Paper & Pulp, Detergents, Coatings, and Others.
- Based on Property, Carboxymethyl Cellulose Market is segmented into Thickening Agent, Stabilizer, Binder, Anti-Repository Agent, Lubricator, Emulsifier and Excipient.
- By Region, the Carboxymethyl Cellulose Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

Competitive Landscape & their strategies of Carboxymethyl Cellulose Market:

The prominent players operating in the Carboxymethyl Cellulose Market includes, Nippon Paper Industries Co. Ltd, Ashland Inc., Lamberti S.P.A, DuPont de Nemours, Inc., Jining Fortune Biotech Co., Ltd, Daicel Corporation, Wealthy Chemical Industry, Stepan Company, Gotoku Chemical Company Ltd., and Qingdao SINOCMC Chemical Co., Ltd. The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.