Carboxymethyl Cellulose Market Research Report - Global Forecast till 2025

Description:
Global Carboxymethyl Cellulose Market Research Report: By Application (Food & Beverage, Oil & Gas, Paper Processing, Pharmaceuticals, Agriculture, Cosmetics & Personal Care, Paints & Coatings, Detergents and others) and Region (North America, Europe, Asia-Pacific, Latin America and the Middle East & Africa) - Forecast till 2025

Carboxymethyl cellulose, also known as tylose powder or cellulose gum, is a derivative of cellulose with carboxymethyl groups attached to some of the hydroxyl groups of glucopyranose monomers. The product is generally used as its sodium salt, called sodium carboxymethyl cellulose. Carboxymethyl cellulose is physiologically inert, chemically stable, odorless, and tasteless substance. It exhibits properties such as non-toxic nature, high viscosity, and hypoallergenic. Major raw materials used in the manufacturing of carboxymethyl cellulose include plant-derived cellulose, caustic soda, and monochloroacetic acid.

The Global Carboxymethyl Cellulose Market is projected to reach a value of nearly USD 1869 million by the end of the forecast period, registering a CAGR of over 4%. The major driver of the global carboxymethyl cellulose is its widespread use in food & beverage industry, wherein, it is used as a viscosity modifier, thickener, and emulsifier, and in fat-free food products. It helps in reducing fat from the food, thus increasing the fiber content of the food. Increasing consumer preference toward low-fat and gluten-free products due to health awareness has resulted in a high demand for carboxymethyl cellulose. It is also used in many food and non-food products including ice creams, toothpaste, detergents, diet pills, and laxatives. Apart from this, carboxymethyl cellulose is also used in water-based paints, reusable heat packs, and paper processing. Another driver of the global carboxymethyl cellulose market is its use as a viscosifier and rheology controller in oil drilling fluids. According to the International Energy Agency, the global investments in the oil and gas industry recovered slightly in 2017, following sharp declines of 24% and 26% in 2016 and 2015, respectively. Increasing investments in the oil & gas sector are expected to fuel the demand for carboxymethyl cellulose during the review period. Moreover, the sodium salt of carboxymethyl cellulose is widely used in oral, ophthalmic, injectable, and topical pharmaceutical formulations. For solid dosage forms, it is used primarily as a binder or matrix former. In agriculture, it is used acts as a suspending agent in pesticides and water-based sprays.

Manufacturers in this market are focused on strategic growth initiatives such as expansion, agreements, acquisitions, and mergers. For instance, in March 2019, Nippon Paper Industries Co., Ltd. announced the construction of a new facility for the functional cellulose product carboxymethyl cellulose, SUNROSE at the Gotsu Mill, Gotsu City, Japan. The company plans to invest approximately USD 0.05 billion (4.7 billion yen) into this facility, which is planned to be completed in November 2020.

However, the availability of substitutes is a major restraining factor for the global carboxymethyl cellulose market. Some of the low-cost substitutes available are xanthum, pectin, guar gum, carrageenan, ethylcellulose, and microcrystalline cellulose, among others.

Global Carboxymethyl Cellulose Market Share, by Application, 2018 (%)
Regional Analysis

The global carboxymethyl cellulose market is spanned across five regions, namely, North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

Asia-Pacific emerged as the largest and fastest-growing regional market. This is attributed to the increasing disposable income and changing lifestyle trend of the consumers has resulted in increased consumption of processed and low-fat food, driving the demand for carboxymethyl cellulose in the region. Moreover, the growth of the pharmaceutical industry in the region is driving the demand for the product. Additionally, the presence of major agricultural countries such as India, Thailand, Malaysia, and others are expected to fuel the product demand as a suspending agent.

The increasing growth of the oil & gas industry is a prime factor responsible for the growth of the market in North America. According to the International Energy Agency, the demand for oil & gas in the US increased by 10% in 2018. The agency also claims that the US oil exports will overtake Russia and become close to Saudi Arabia by 2024. Additionally, the expanding pharmaceutical industry in the region is another key driver for market growth. According to the European Federation of Pharmaceutical Industries & Association (EFPIA), in 2016, North America accounted for 49% of world pharmaceutical sales.

Presence of large oil & gas reserves in the Middle East & Africa is projected to drive the demand for carboxymethyl cellulose during the review period.

Segmentation

The global carboxymethyl cellulose market has been segmented by application and region.

Based on application, the global market has been segregated into food & beverage, oil & gas, paper processing, pharmaceuticals, agriculture, cosmetics & personal care, paints & coatings, detergents, and others.

Key Players

Some of the prominent players operating in the global carboxymethyl cellulose market are Akzo Nobel NV (Netherlands), Dow (US), Ashland (US), Nippon Paper Industries Co., Ltd (Japan), CP Kelco US, Inc. (US), Amtex (Peru), USK KIMYA CORP (Turkey), Lamberti SpA (Italy), DAICEL FINECHEM LTD (Japan), and Qingdao Sinocmc Chemical Co., Ltd (China).

Intended Audience

- Carboxymethyl Cellulose manufacturers
- Traders and distributors of Carboxymethyl Cellulose
- Research and development institutes
- Potential investors
- Raw material suppliers
- Nationalized laboratories
Contents:

Table of Contents

1 Executive Summary

2 Scope of the Report

2.1 Market Definition

2.2 Scope of the Study

2.2.1 Research Objectives

2.2.2 Assumptions & Limitations

2.3 Markets Structure

3 Market Research Methodology

3.1 Research Process

3.2 Secondary Research

3.3 Primary Research

3.4 Forecast Model

4 Market Landscape

4.1 Supply Chain Analysis

4.1.1 Raw Material Suppliers

4.1.2 Manufacturers/Producers

4.1.3 Distributors/Retailers/Wholesalers/E-Commerce

4.1.4 End User

4.2 Porter’s Five Forces Analysis

4.2.1 Threat of New Entrants

4.2.2 Bargaining Power of Buyers

4.2.3 Bargaining Power of Suppliers

4.2.4 Threat of Substitutes

4.2.5 Intensity of Rivalry

5 Market Dynamics of the Global Carboxymethyl Cellulose Market

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Challenges

5.6 Trends/Technology

6. Global Carboxymethyl Cellulose Market, by Application

6.1 Introduction

6.2 Food & Beverage

6.2.1 Market Estimates & Forecast, 2017–2025

6.2.2 Market Estimates & Forecast, by Region, 2017–2025

6.3 Oil & Gas

6.3.1 Market Estimates & Forecast, 2017–2025

6.3.2 Market Estimates & Forecast, by Region, 2017–2025

6.4 Pharmaceuticals

6.4.1 Market Estimates & Forecast, 2017–2025

6.4.2 Market Estimates & Forecast, by Region, 2017–2025

6.5 Paper Processing

6.5.1 Market Estimates & Forecast, 2017–2025

6.5.2 Market Estimates & Forecast, by Region, 2017–2025

6.6 Agriculture
6.6.2 Market Estimates & Forecast, by Region, 2017–2025
6.7 Cosmetics & Personal Care
6.7.1 Market Estimates & Forecast, 2017–2025
6.7.2 Market Estimates & Forecast, by Region, 2017–2025
6.8 Paints & Coatings
6.9 Detergents
6.9.1 Market Estimates & Forecast, 2017–2025
6.10 Others
6.10.2 Market Estimates & Forecast, by Region, 2017–2025

7. Global Carboxymethyl Cellulose Market, by Region
7.1 Introduction
7.2 North America
7.2.1 Market Estimates & Forecast, 2017–2025
7.2.2 Market Estimates & Forecast, by Application, 2017–2025
7.2.3 US
7.2.3.1 Market Estimates & Forecast, 2017–2025
7.2.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.2.4 Canada
7.2.4.1 Market Estimates & Forecast, 2017–2025
7.2.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.3 Europe
7.3.1 Market Estimates & Forecast, 2017–2025
7.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.3 Germany
7.3.3.1 Market Estimates & Forecast, 2017–2025
7.3.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.4 France
7.3.4.1 Market Estimates & Forecast, 2017–2025
7.3.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.5 Italy
7.3.5.1 Market Estimates & Forecast, 2017–2025
7.3.5.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.6 Spain
7.3.6.1 Market Estimates & Forecast, 2017–2025
7.3.6.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.7 UK
7.3.7.1 Market Estimates & Forecast, 2017–2025
7.3.7.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.8 Russia
7.3.8.1 Market Estimates & Forecast, 2017–2025
7.3.8.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.9 Poland
7.3.9.1 Market Estimates & Forecast, 2017–2025
7.3.9.2 Market Estimates & Forecast, by Application, 2017–2025
7.3.10 Rest of Europe
7.3.10.1 Market Estimates & Forecast, 2017–2025
7.3.10.2 Market Estimates & Forecast, by Application, 2017–2025
7.4 Asia-Pacific
7.4.1 Market Estimates & Forecast, 2017–2025
7.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.4.3 China
7.4.3.1 Market Estimates & Forecast, 2017–2025
7.4.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.4.4 India
7.4.4.1 Market Estimates & Forecast, 2017–2025
7.4.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.4.5 Japan
7.4.5.1 Market Estimates & Forecast, 2017–2025
7.4.5.2 Market Estimates & Forecast, by Application, 2017–2025
7.4.6 Australia & New Zealand
7.4.6.1 Market Estimates & Forecast, 2017–2025
7.4.6.2 Market Estimates & Forecast, by Application, 2017–2025
7.4.7 Rest of Asia-Pacific
7.4.7.1 Market Estimates & Forecast, 2017–2025
7.4.7.2 Market Estimates & Forecast, by Application, 2017–2025
7.5 Middle East & Africa
7.5.1 Market Estimates & Forecast, 2017–2025
7.5.2 Market Estimates & Forecast, by Application, 2017–2025
7.5.3 GCC
7.5.3.1 Market Estimates & Forecast, 2017–2025
7.5.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.5.4 Israel
7.5.4.1 Market Estimates & Forecast, 2017–2025
7.5.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.5.5 North Africa
7.5.5.1 Market Estimates & Forecast, 2017–2025
7.5.5.2 Market Estimates & Forecast, by Application, 2017–2025
7.5.6 Turkey
7.5.6.1 Market Estimates & Forecast, 2017–2025
7.5.6.2 Market Estimates & Forecast, by Application, 2017–2025
7.5.7 Rest of Middle East & Africa
7.5.7.1 Market Estimates & Forecast, 2017–2025
7.5.7.2 Market Estimates & Forecast, by Application, 2017–2025
7.6 Latin America
7.6.1 Market Estimates & Forecast, 2017–2025
7.6.2 Market Estimates & Forecast, by Application, 2017–2025
7.6.3 Brazil
7.6.3.1 Market Estimates & Forecast, 2017–2025
7.6.3.2 Market Estimates & Forecast, by Application, 2017–2025
7.6.4 Argentina
7.6.4.1 Market Estimates & Forecast, 2017–2025
7.6.4.2 Market Estimates & Forecast, by Application, 2017–2025
7.6.5 Mexico
7.6.5.1 Market Estimates & Forecast, 2017–2025
7.6.5.2 Market Estimates & Forecast, by Application, 2017–2025
7.6.6 Rest of Latin America
7.6.6.1 Market Estimates & Forecast, 2017–2025
7.6.6.2 Market Estimates & Forecast, by Application, 2017–2025
8. Company Landscape
8.1 Introduction
8.2 Market Key Strategies
8.3 Key Development Analysis (Expansion/Merger & Acquisitions/Joint Venture/New Product Development/Agreement/Investment)
9. Company Profiles
9.1 Akzo Nobel NV
9.1.1 Company Overview
9.1.2 Financial Updates
9.1.3 Product/Business Segment Overview
9.1.4 Key Strategies
9.1.5 Key Developments
9.1.6 SWOT Analysis
9.2 Dow
9.2.1 Company Overview
9.2.2 Financial Updates
9.2.3 Product/Business Segment Overview
9.2.4 Key Strategies
9.2.5 Key Developments
9.2.6 SWOT Analysis
9.3 Ashland
9.3.1 Company Overview
9.3.2 Financial Updates
9.3.3 Product/Business Segment Overview
9.3.4 Key Strategies
9.3.5 Key Developments
9.3.6 SWOT Analysis
9.4 Nippon Paper Industries Co., Ltd.
9.4.1 Company Overview
9.4.2 Financial Updates
9.4.3 Product/Business Segment Overview
9.4.4 Key Strategies
9.4.5 Key Developments
9.4.6 SWOT Analysis
9.5 CP Kelco U.S., Inc.
9.5.1 Company Overview
9.5.2 Financial Updates
9.5.3 Product/Business Segment Overview
9.5.4 Key Strategies
9.5.5 Key Developments
9.5.6 SWOT Analysis
9.6 Am tex
  9.6.1 Company Overview
  9.6.2 Financial Updates
  9.6.3 Product/Business Segment Overview
  9.6.4 Key Strategies
  9.6.5 Key Developments
  9.6.6 SWOT Analysis
9.7 USK KIMYA CORP
  9.7.1 Company Overview
  9.7.2 Financial Updates
  9.7.3 Product/Business Segment Overview
  9.7.4 Key Strategies
  9.7.5 Key Developments
  9.7.6 SWOT Analysis
9.8 Lamberti SpA
  9.8.1 Company Overview
  9.8.2 Financial Updates
  9.8.3 Product/Business Segment Overview
  9.8.4 Key Strategies
  9.8.5 Key Developments
  9.8.6 SWOT Analysis
9.9 DAICEL FINECHEM LTD
  9.9.1 Company Overview
  9.9.2 Financial Updates
  9.9.3 Product/Business Segment Overview
  9.9.4 Key Strategies
  9.9.5 Key Developments
  9.9.6 SWOT Analysis
9.10 Qingdao Sinocmc Chemical Co., Ltd
  9.10.1 Company Overview
  9.10.2 Financial Updates
  9.10.3 Product/Business Segment Overview
  9.10.4 Key Strategies
  9.10.5 Key Developments
  9.10.6 SWOT Analysis
10. Conclusion

LIST OF TABLES
Table 1 Global Carboxymethyl Cellulose Market, by Region, 2017–2025
Table 2 North America: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table 3 Europe: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table 4 Asia-Pacific: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table 5 Middle East & Africa: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table 6 Latin America: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table 7 Global Carboxymethyl Cellulose Application Market, by Regions, 2017–2025
Table 8 North America: Carboxymethyl Cellulose Application Market, by Country, 2017–2025
Table 9 Europe: Carboxymethyl Cellulose Application Market, by Country, 2017–2025
Table 10 Asia-Pacific: Carboxymethyl Cellulose Application Market, by Country, 2017–2025
Table 11 Middle East & Africa: Carboxymethyl Cellulose Application Market, by Country, 2017–2025
Table12 Latin America: Carboxymethyl Cellulose Application Market, by Country, 2017–2025
Table 13 Global Carboxymethyl Cellulose End-Use Industry Market, by Regions, 2017–2025
Table14 North America: Carboxymethyl Cellulose End-Use Industry Market, by Country, 2017–2025
Table15 Europe: Carboxymethyl Cellulose End-Use Industry Market, by Country, 2017–2025
Table16 Asia-Pacific: Carboxymethyl Cellulose End-Use Industry Market, by Country, 2017–2025
Table17 Middle East & Africa: Carboxymethyl Cellulose End-Use Industry Market, by Country, 2017–2025
Table18 Latin America: Carboxymethyl Cellulose by End-Use Industry Market, by Country, 2017-2025
Table19 Global Application Market, by Region, 2017–2025
Table20 Global End-Use Industry Market, by Region, 2017–2025
Table21 North America: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table22 North America: Carboxymethyl Cellulose Market, by Application, 2017–2025
Table23 North America: Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025
Table24 Europe: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table25 Europe: Carboxymethyl Cellulose Market, by Application, 2017–2025
Table26 Europe: Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025
Table27 Asia-Pacific: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table28 Asia-Pacific: Carboxymethyl Cellulose Market, by Application, 2017–2025
Table29 Asia-Pacific: Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025
Table30 Middle East & Africa: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table31 Middle East & Africa: Carboxymethyl Cellulose Market, by Application, 2017–2025
Table32 Middle East & Africa: Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025
Table33 Latin America: Carboxymethyl Cellulose Market, by Country, 2017–2025
Table34 Latin America: Carboxymethyl Cellulose Market, by Application, 2017–2025
Table35 Latin America: Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025

LIST OF FIGURES
FIGURE 1 Global Carboxymethyl Cellulose Market Segmentation
FIGURE 2 Forecast Research Methodology
FIGURE 3 Porter’s Five Forces Analysis of the Global Carboxymethyl Cellulose Market
FIGURE 4 Value Chain of the Global Carboxymethyl Cellulose Market
FIGURE 5 Share of the Global Carboxymethyl Cellulose Market in 2018, by Country
FIGURE 6 Global Carboxymethyl Cellulose Market, 2017–2025,
FIGURE 7 Global Carboxymethyl Cellulose Market Size, by Application, 2018
FIGURE 8 Share of the Global Carboxymethyl Cellulose Market, by Application, 2017–2025
FIGURE 9 Global Carboxymethyl Cellulose Market Size, by End-Use Industry, 2018
FIGURE10 Share of the Global Carboxymethyl Cellulose Market, by End-Use Industry, 2017–2025