

## Hydrocolloids – Asia-Pacific Market Overview

*“The report reviews, analyzes and projects the Asia-Pacific market for Hydrocolloids for the period 2015-2024. This Asia-Pacific market report analyzes hydrocolloids by raw material source comprising Animal-derived, Microbial-fermented, Plant-derived, Seaweed-derived and Cellulose-based. Further, the report also analyzes the market for hydrocolloids by individual hydrocolloids types. The study exclusively analyzes the market size for hydrocolloid raw material source by product type and end-use application across major countries in APAC.”*

Published: March 2019

Report Code: FB027

Pages: 406

Charts: 383

Price: \$4500 Single User License, \$7200 Enterprise License

### Report Synopsis

Asia-Pacific’s hydrocolloids demand is mainly driven by increasing demand from food & beverages, pharmaceuticals and oil & gas sectors. Increasing health consciousness, changing eating habits of consumers and growing working population in developing countries of Asia-Pacific region is anticipated to increase demand for convenience and processed food. Moreover, food additives are becoming a necessary part of food and beverages industry and natural clean label food additives such as hydrocolloids penetration is on the rise.

China is the largest market for hydrocolloids in Asia-Pacific, estimated at 328 thousand metric tons in 2018, which is also likely to post the fastest 2018-2024 CAGR of 5.6% in reaching a projected 456 thousand metric tons by 2024. The market for hydrocolloids in Asia-Pacific is expected to touch US\$4.1 billion in 2019.

- Restrained Demand for Select Hydrocolloids Due to Tighter Raw Material Supply in the Offing
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 140
- The industry guide includes the contact details for 258 companies

### Product Outline

The following Hydrocolloid raw material sources are analyzed in this report:

- Animal-derived (Gelatin)
- Microbial-fermented
- Plant-derived
- Seaweed-derived
- Cellulose-based

The report analyzes the following key product types of Hydrocolloids:

- Gelatin
- Xanthan Gum
- Gellan Gum
- Guar Gum
- Gum Arabic
- LBG
- Tara Gum
- Pectin
- Agar-Agar
- Alginates
- Carrageenan
- CMC
- MC & HPMC
- MCC

The study explores the following major applications of Hydrocolloids:

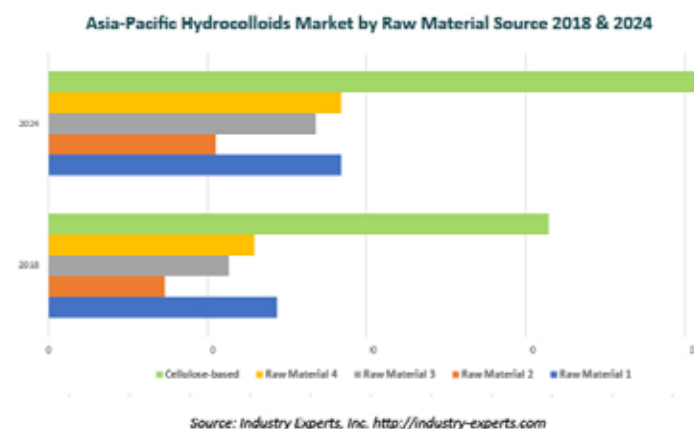
- Animal Feed
- Food & Beverages
- Cosmetics & Personal Care
- Pharma & Healthcare
- Oil & Gas
- Industrial/Technical

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the Asia-Pacific market for Hydrocolloids for the period 2015-2024 in terms of volume in Metric Tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2018 through 2024

### Geographic Coverage

- China, India, Indonesia, Japan, South Korea, Malaysia, Thailand, Rest of Asia-Pacific



### Research Findings & Coverage

- Asia-Pacific market for Hydrocolloids is analyzed in this report with respect to raw material sources, product types and end-use applications
- The study exclusively analyzes the market size for hydrocolloid raw material source by product type and end-use application in overall Asia-Pacific region. The report also analyzes the market for hydrocolloids by raw material source, product type and application in all major Asia-Pacific countries
- Mixed Opportunities for Seaweed Hydrocolloids
- Demand for Hydrocolloids Propelled by Trends in Fat and Sugar Reduction

## SAMPLE COMPANY PROFILE

### ASAHI KASEI CORPORATION (JAPAN)

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Ceolus Marketing & Sales Dept.

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Website: www.ceolus.com

### Business Overview

Founded in 1922, Asahi Kasei Group is a diversified manufacturer of wide range of products based on chemistry. The group employs around 35,000 people across the world and operates through three business sectors of Material consisting of fibers, chemicals, and electronics businesses; Homes consisting of homes and construction materials businesses; and Health Care consisting of pharmaceuticals, medical devices, and acute critical care businesses. One of the group companies, Asahi Kasei Corporation is engaged in the production of fiber products, chemicals, and electronic related materials. In April 2016, Asahi Kasei Corporation merged with three of its core operating companies, Asahi Kasei Chemicals, Asahi Kasei Fibers, and Asahi Kasei E-materials. Asahi Kasei Corporation produces and supplies Ceolus™ and Celphere™ MCC (microcrystalline cellulose) for use in pharmaceuticals, foods, industrial materials and cosmetics.

### Product Portfolio

#### CEOLUS MCC

CEOLUS is Asahi Kasei's microcrystalline cellulose and has three types of powder grades, namely UF, KG, and PH for pharmaceuticals, and a colloidal grade known as RC for food and cosmetics applications.

- UF Grade - The porous structures and more spherical morphology of CEOLUS UF grades contribute to their effective plastic deformation and better flow. They are highly compactible and flowable.
- KG grades - The key to the compactibility of the CEOLUS KG grades lies in their needle-like particle shape. Needle-like particles, once compressed, have less elastic recovery and more particle-to-particle entanglements to provide greater tablet hardness. In particular, KG-1000, offers practically required tablet hardness and friability at concentrations of 10% or less.
- PH Grade - CEOLUS PH grades are the most commonly used grades for oral solid dosage forms. They show excellent performance when used in granulation and direct compression of tablets.
- RC grade - CEOLUS RC is a colloidal grade of microcrystalline cellulose, the surface of which is covered with sodium carboxymethyl cellulose (CMC-Na). In contact with water, CMC-Na swells and disperses the secondary particles into the primary particles of MCC to form a network.

#### CELPHERE™ MCC

- CELPHERE is a 100% MCC spherical seed core. It is used as a seed ore of controlled release and taste masked pellets. It has various superior characteristics as a seed core for drug layering and film coating.

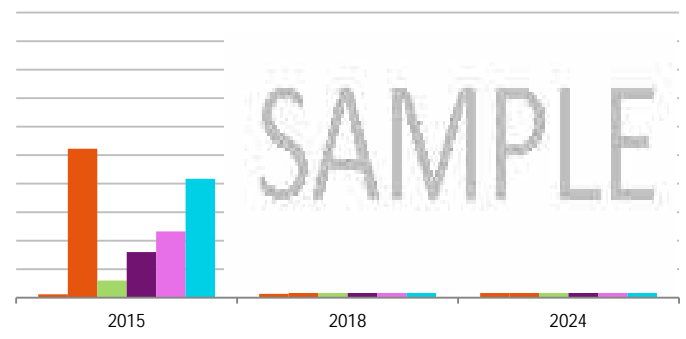
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## SAMPLE TABLE/CHART

Glance at 2018 Global Hydrocolloids Value Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Chinese Hydrocolloids Market Analysis (2015-2024) by End-use Application - Animal Feed, Food & Beverages, Cosmetics & Personal Care, Pharma & Healthcare, Oil & Gas and Industrial/Technical in Metric Tons



## KEY PLAYERS PROFILED

- Abdullahbhai Abdul Kader Group
- Accel Carrageenan Corporation (formerly RICO Philippines)
- Accent Microcell Pvt. Ltd.
- Agro Gums
- Altrafine Gums
- Amar Cellulose Industries
- Andi-Johnson Group
- Anqiu Eagle Cellulose Co., Ltd
- Asahi Gelatine Industrial Co., Ltd.
- Asahi Kasei Corporation
- Baotou Dongbao Bio-Tech Co., Ltd.
- Cargill, Inc.
- Cellulose Solutions Private Limited
- Changshu Wealthy Science and Technology Co., Ltd.
- Compania Espanola De Algas Marinas, S.A. (CEAMSA)
- CP Kelco U.S., Inc.
- Daicel FineChem Ltd.
- Daiichi-Kasei Co., Ltd.
- Dancheng CAIXIN Sugar Industry Co., Ltd.
- Devson Impex Private Limited
- DFE Pharma India LLP
- Dipti Cellulose Pvt. Ltd.
- DKS Co. Ltd.
- Drytech Processes (I) Pvt. Ltd.

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