

# Fact Sheet

## GLOBAL EXCIPIENTS SECTOR

### WHAT IS AN EXCIPIENT?

Excipients are non-active substances added to a medicine, medical device, cosmetic or nutraceutical food supplement product formulation so as to enhance functional or structural aspects of the product.

Excipients are essential components of products due to their principal function as carriers, stabilisers or processing aids.

Excipients can be classified into the following groups: fillers, binders; suspending agents & viscosity modifiers; coatings, capsule shells; dispersants; disintegrants, solvents, solubilisers; flavourings & colorants; lubricants, glidants and preservatives.

### END-USE SECTORS

Excipients are utilised mainly in the manufacture of biological and pharmaceutical products, which accounts for the lion's share.

However, other industries also make use of excipients, namely:

- Personal & Home Care
- Animal & Human Health
- Specialty Agriculture/Horticulture
- Topical & OEM Medical Devices
- Upstream applications (intermediates, fermentation, etc)
- Food/Nutraceuticals/Dietary Supplements
- Other industrial sectors

### MAJOR EXCIPIENT PRODUCERS

BASF SE (Ger/Global)	Meggle GmbH (Ger/Europe)	Symrise Ag (Swiss/MNC)
Dow Chemical Co (USA/Global)	DMV-Fonterra GmbH (Ger/Europe)	Safic Alcan (France/MNC)
Colorcon Inc. (USA/MNC)	Tate & Lyle Plc (UK/Global)	Azelis Group (Belgium/MNC)
Evonik AG (Ger/Global)	JH Nanhong Co. Ltd (China)	IMCD NV (Netherlands/MNC)
Cargill Inc. (USA/Global)	Ashland Inc.(USA/Global)	Univar (USA/Global)
Lubrizol Corporation (USA/MNC)	Mingtai Chemical Company (Taiwan)	DKSH (Swiss/Asia Pacific)
ShinEtsu Chemical Co (Jap/MNC)	Sasol (SA/Global)	BrenntagAG (Ger/Global)
Croda International Plc (UK)	Eastman Chemical Co (USA/Global)	Barentz International (Ger/MNC)
Gattefosse SAS (UK/MNC)	Merck KGaA (Ger/Global)	Biesterfeld International (Ger/MNC)
Roquette Freres (France/Global)	Abitec Corporation (UK)	FMC Corporation (USA/MNC)
Syral Tereos S.A (France/MNC)	Angus Chemical Company (USA)	Firmenich Group (Swiss/MNC)
Cabot Corporation (USA/MNC)	J.M Huber Corporation / CP Kelco	Kerry Group (Ireland/MNC)
Seppic S.A (France/MNC)	Asahi Kasei Corporation (Japan)	IOI Oleo (Ger)
Lonza Group (Swiss/MNC)	Nippon Gohsei (Japan)	Omya international AG (Swiss)
Shell Chemicals (Global)	JRS Pharma (Ger)	Peter Greven (Netherlands)

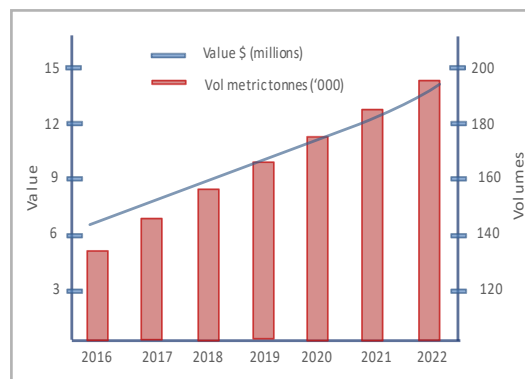
### MARKET SIZE AND OUTLOOK<sup>1</sup>

The total global market for excipients (covering pharmaceutical, topical medical devices, cosmetics & nutraceutical food supplements) by value is estimated to be US\$ 7.4 billion in 2017, rising to US\$ 14 billion by 2025. This corresponds to 140,000 metric tonnes and 200,000 metric tonnes when measured in terms of volume output.

North America and Europe are currently the largest markets for excipients, accounting for just over 30%. Asia Pacific is also a major user of excipients, and accounts for around 24% of annual use. Latin America and the rest of the world are less significant users.

Polymers represent the biggest category of materials, followed by alcohols, sugars and minerals. Natural and semi-natural materials (e.g starch) are the biggest category of excipients.

The major growth drivers include growing demand of drugs across the world, the growing demand for functional materials, as well as stricter quality requirements for materials that can be used in products.



### KEY CONTACTS

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