

# Omega-3 Polyunsaturated Fatty Acids (PUFAs) – A Global Market Overview

"The report reviews, analyzes and projects the global market for Omega-3 Polyunsaturated Fatty Acids (PUFAs) for the period 2017-2026. Omega-3 Polyunsaturated Fatty Acid (PUFAs) ingredients analyzed in this study include Omega-3 EPA and DHA from marine sources including fish oils, krill oils and squid oils; and algal sources. End use applications of Omega-3PUFAs covered in this report include dietary supplements, food & beverages, animal nutrition, infant nutrition, pharmaceuticals and clinical nutrition."

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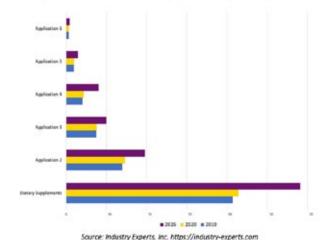
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## **Report Synopsis**

COVID-19 pandemic effect on the global Omega-3 ingredients market varied materially by country and end-use applications, depending on the timing of the outbreak and consumer behavior. Overall, the impact of coronavirus on global Omega-3 was moderate in 2020 and expected to recover significantly in 2021.

Omega-3s demand in animal/pet nutrition applications was least impacted by the pandemic, as these ingredients have been considered most essential for animal health. Demand from Omega-3s in pharmaceuticals was firm as these drugs are prescribed to at-risk patients. Strong increase in prescription levels was observed during the second half of 2020, partially offset by lower levels in the second quarter of the year.

Global Omega-3 PUFAs Market (Metric Tons) by End-use Application (2019, 2020 & 2026)



# **Research Findings & Coverage**

- Worldwide market for Oemga-3 is analyzed in this report with respect to raw material sources and end-use applications
- Omega-3 market size is reported in this study by raw material source and end-use application across all major regions/countries

- Dismissal of Amarin Pharma's Lawsuit Exonerates the Omega-3 Dietary Supplement Industry
- Docosapentaenoic Acid (DPA) Reappears on the Omega-3 Fatty Acid Horizon
- Algae Sources Offer Immense Scope for Global Omega-3s Market
- Key business trends focusing on product innovations/developments, M&As,
   JVs and other recent industry developments
- Major companies profiled 124
- The industry guide includes the contact details for 319 companies

#### **Product Outline**

The report analyzes the global market for the following key material sources of Omega-3:

- Marine
- Algal

The market for major applications of Omega-3 explored in this report comprise the following:

- Dietary Supplements
- Animal Nutrition
- Food & Beverages
- Infant Nutrition
- PharmaceuticalsClinical Nutrition

#### **Analysis Period, Units and Growth Rates**

 The report reviews, analyzes and projects the global Omega-3 market for the period 2017-2026 in terms of market value in US\$ and volume in metric tons; and the compound annual growth rates (CAGRs) projected from 2019 through 2026 with a special focus on y-o-y for 2019-2020

#### **Geographic Coverage**

- North America (The United States, Canada and Mexico)
- Europe (Denmark, France, Germany, Italy, Norway, Spain, the United Kingdom and Rest of Europe)
- Asia-Pacific (Australia, China, Japan, India, South Korea and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World



## **SAMPLE COMPANY PROFILE**

## **AKER BIOMARINE AS (NORWAY)**

Oksenøyveien 10, P.O. Box 496, NO-1327, Lysaker

Phone: +47 24 13 00 00 Fax: +47 24 13 01 10 www.akerbiomarine.com www.superbakrill.com www.krealkrill.com

#### **Manufacturing Plant**

Aker BioMarine Manufacturing LLC 4494 Campbell Road, Houston, TX 77041, United States

Phone: +1 346-802-6643

#### **Business Profile**

Founded in 2006 and headquartered in Lysaker, Norway, Aker BioMarine AS is an integrated biotechnology company engaged in harvesting, production and sales of krill-based products. Aker BioMarine's June 2007 merger with Natural ASA has enabled the company in extending its offerings in the field of nutraceuticals, such as dietary supplements and functional foods. The company's operations are categorized into upstream, aqua and nutrition & health, with upstream activities comprising the harvest and production of high-value marine products derived from the vast reserves of krill in the Antarctic waters. The Company operates a warehouse in Montevideo, Uruguay and a krill oil extraction plant in Houston, Texas, United States. The nutrition & health business of the company offers Superba™ branded krill oil products for the human nutrition industry. Superba™ manufacturing plant in Houston, Texas has an annual production capacity of 1,200 metric tons of krill oil. Under the agua business operation, Aker BioMarine's Qrill™ is the registered brand name for the company's krill meal and krill oil products utilized by the aquaculture feed industry.

Aker BioMarine has now become undisputed leader in krill supply, through the acquisition of two leading krill oil based Omega-3 manufacturers. In 2017, Aker BioMarine has acquired the krill oil business including IP from Neptune Technologies & Bioressources Inc. Aker BioMarine has also acquired krill oil business of Israel based Enzymotec Ltd., which markets its products under the brand name K•REAL®. In November 2019, Aker BioMarine entered into a supply agreement with Acasti Pharma Inc., a manufacturer of CaPre development prescription drug, to supply krill oil. Aker BioMarine is fully owned by Aker ASA, an industrial pioneer since its establishment in 1841.

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# **SAMPLE TABLE/CHART**

Glance at 2020 Global Omega-3 PUFAs Value Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Omega-3 PUFAs Market Analysis (2017-2026) by End-use Application – Dietary Supplements, Animal Nutrition, Food & Beverages, Infant Nutrition, Pharmaceuticals and Clinical Nutrition in USD Million



## **KEY PLAYERS PROFILED**

- Aker Biomarine AS
- Archer Daniels Midland Company
- Austral Group S.A.A.
- BASF SE
- Berg Lipidtech AS (BLT)
- Cellana LLC
- Chemport, Inc.
- Croda International PLC
- DSM Nutritional Products AG
- Evonik Nutrition & Care GmbH
- KD Pharma Group SA
- LYSI Hf.
- Nippon Suisan Kaisha, Ltd. (Nissui)
- Novasep Holding SAS
- Olvea Fish Oils (Olvea Group)
- Omega Protein Corporation
- Polaris
- Sinomega Biotech Engineering Co Ltd
- TASA Omega SA (Tecnológica De Alimentos SA)
- Thai Union Group PCL
- Wiley Companies

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| Berg Lipidtech AS (BLT) (Norway)  |    |
| Cellana LLC (United States)   |    |
| Chemport, Inc. (South Korea)  |    |
| Croda International PLC (United Kingdom)  Denomega (Orkla Health) (Norway)  |    |
| DSM Nutritional Products AG (Switzerland)                                   | 9  |
| Epax AS (Norway)  |    |
| Evonik Nutrition & Care GmbH (Germany)GC Rieber VivoMega AS (Norway)        |    |
| Golden Omega SA (Chile)   |    |
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|   | Guangdong Runke Bioengineering Co Ltd (China)  |     |
|---|--|-----|
|   | Huatai Biopharm Inc. (China)<br>Jiangsu Auqi Marine Biotechnology Co., Ltd. (China)                          |     |
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| Helios Corp (United States)  |     |
| Mara Renewables Corporation (Canada)   |     |
| Nordic Naturals, Inc. (United States)  | 201 |
| Novotech Nutraceuticals, Inc. (United States)                                    |     |
| Oceans Omega, LLC (United States)  |     |
| Omega Protein Corporation (United States)  |     |
| Rimfrost USA, LLC (United States)  |     |
| Solarvest Bioenergy Inc. (Canada)  |     |
| Source-Omega LLC (United States)   |     |
| Stepan Company (United States)   |     |
| The Wright Group (United States)   |     |
| Virun, Inc. (United States)  |     |
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| Anklam Extrakt GmbH (Germany)  |     |
| Arctic Nutrition AS (Norway)   |     |
| BASF SE (Germany)  |     |
| Berg Lipidtech AS (BLT) (Norway)   |     |
| Biosearch, S.A. (Biosearch Life) (Spain)   |     |
| Bluebiotech International GmbH (Germany)   |     |
| Brudy Technology S.L. (Spain)  |     |
| COPALIS (France)   |     |
| Croda International Plc (United Kingdom)<br>De Wit Speciality Oils (Netherlands) |     |
| Denomega (Orkla Health) (Norway)   |     |
| DSM Nutritional Products AG (Switzerland)  |     |
| Epax AS (Norway)   |     |
| Evonik Nutrition & Care GmbH (Germany)   |     |
| Fermentalg SA (France)   |     |
| Antibióticos de León SLU (ADL Biopharma) (Spain)                                 |     |
| Fortuna Oils AS (Norway)GC Rieber Oils (Norway)                                  |     |
| Henry Lamotte Oils GmbH (Germany)  |     |
| Hofseth Biocare AS (Norway)  |     |
| Imperial-Oel-Import Handelsgesellschaft mbH (Germany                             |     |
| IQI B.V. (Netherlands)   |     |
| KD Pharma Group (Switzerland)  |     |
| LYSI hf. (Iceland)   |     |
| Margildi EHF. (Iceland)  |     |
| Minami Nutrition (Belgium)   |     |
| Mowi ASA (Norway)  Noble Harvest AS (Norway)                                     |     |
| Norwegian Fish Oil AS (Norway)   |     |
| Novasep Holding SAS (France)   |     |
| Olvea Fish Oils (Olvea Group) (France)   |     |
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| Pharma Marine AS (Norway)  |     |
| POLARIS (France)   |     |
| Progress Biotech by (The Netherlands)  |     |
| Rimfrost AS (Norway)<br>Seafoodia (France)                                       |     |
| SEANOVA (France)   |     |
| Seven Seas Ltd (United Kingdom)  |     |
| Simris Alg AB (Sweden)   |     |
| Sochim International SPA (Italy)   |     |
| Solutex GC, S.L. (Spain)   |     |
| Stepan Lipid Nutrition (Netherlands)   |     |
| Thai Union Marine Nutrients GmbH (Germany)                                       |     |
| Triplenine Group A/S (Denmark)<br>True Westfjords ehf (Iceland)                  |     |
| Vesteraalens AS (Norway)   |     |
| Veramaris V.O.F. (Netherlands)   |     |

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| Coastal Exports Corporation (India)  |  |
| ECA Healthcare Inc (China)   |  |
| Ennature Biopharma (India Glycols Ltd) (India)   |  |
| Fenchem Biotek Ltd (China)   |  |
| Guangdong Runke Bioengineering Co Ltd (China)  |  |
| Huatai Biopharm Inc. (China)   | · ·  |
| Jiangsu Auqi Marine Biotechnology Co., Ltd. (China)  |  |
| Jiangsu Weisikang Food Sci-Tech Development Co., Ltd. (China)  |  |
| (China)  |  |
| Kangcare Bioindustry Co., Ltd. (China)   |  |
| Kinomega Biopharm Inc. (China)   | · · · ·  |
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| Golden Omega SA (Chile)  | AntarcticOmega SPA (Chile)       326         Austral Group S.A.A. (Peru)       326         Colpex International S.A.C (Peru)       327         Corporacion Pesquera Inca S.A.C. (Peru)       327         Cox & Compañía S.A. (Chile)       328   |
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| SPES S.A. (Chile)  | AntarcticOmega SPA (Chile)       326         Austral Group S.A.A. (Peru)       326         Colpex International S.A.C (Peru)       327         Corporacion Pesquera Inca S.A.C. (Peru)       328         Cox & Compañía S.A. (Chile)       328         Fiordo Austral Group (Chile)       328         GIHON – Laboratorios Químicos Srl (Argentina)       330         Golden Omega SA (Chile)       331         Natural Oils Chile SA (Chile)       333         Naturmega SA (Colombia)       334         Pesquera Camanchaca SA (Chile)       335   |
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| 11. REST OF WORLD  | AntarcticOmega SPA (Chile)       326         Austral Group S.A.A. (Peru)       326         Colpex International S.A.C (Peru)       327         Corporacion Pesquera Inca S.A.C. (Peru)       327         Cox & Compañía S.A. (Chile)       328         Fiordo Austral Group (Chile)       328         GIHON – Laboratorios Químicos Srl (Argentina)       330         Golden Omega SA (Chile)       331         Natural Oils Chile SA (Chile)       333         Naturmega SA (Colombia)       334         Pesquera Camanchaca SA (Chile)       335         Pesquera Diamante SA (Peru)       335         Pesquera Hayduk SA (Peru)       335                                     |
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## **About Industry Experts**

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