

# **Algae Products Market for Cosmetics by Type (Hydrocolloids, Lipids, Carotenoids), Source (Seaweed, Microalgae {Chlorella, Spirulina}), Form (Dry, Liquid), Application (Skin Care {Moisturizers}, Hair Care Products), and Geography - Global Forecast to 2031**

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## **Abstracts**

Algae Products Market for Cosmetics by Type (Hydrocolloids, Lipids, Carotenoids), Source (Seaweed, Microalgae {Chlorella, Spirulina}), Form (Dry, Liquid), Application (Skin Care {Moisturizers}, Hair Care Products), and Geography - Global Forecast to 2031

According to the research report titled 'Algae Products Market for Cosmetics by Type (Hydrocolloids, Lipids, Carotenoids), Source (Seaweed, Microalgae {Chlorella, Spirulina}), Form (Dry, Liquid), Application (Skin Care {Moisturizers}, Hair Care Products), and Geography—Global Forecast to 2031,' the algae products market for cosmetics is projected to reach \$1.10 billion by 2031, at a CAGR of 9.6% from 2024 to 2031. In terms of volume, the algae products market for cosmetics is projected to reach 86,911.6 tons by 2031, at a CAGR of 11.2% during the forecast period of 2024–2031. The report provides an in-depth analysis of the algae products market for cosmetics across five major geographies, current market trends, size, and recent developments, and the forecast for 2031.

Succeeding extensive secondary and primary research and an in-depth analysis of the market scenario, the report conducts the impact analysis of the key industry drivers, restraints, opportunities, and challenges.

The growth of the algae products market for cosmetics is driven by the growing cosmetics industry, increasing consumer preference for cruelty-free and vegan cosmetics, and rising awareness regarding the health benefits of organic cosmetic products. However, the complexities in algae production and the lack of R&D activities in underdeveloped countries restrain the growth of this market.

Furthermore, the growing demand for personalized cosmetic products is expected to generate growth opportunities for the stakeholders in this market. However, the risk of algae contamination is a major challenge impacting the growth of the algae products market for cosmetics.

Moreover, the rising adoption of eco-friendly packaging and sustainable practices in the cosmetics industry is a prominent trend in the algae products market for cosmetics.

### Key Players

The key players operating in the global algae products market for cosmetics are Algatechnologies Ltd. (A Part of Solabia Group) (Israel), BASF SE (Germany), BDI BioLife Science GmbH (Austria), Bluetec Naturals Co., Ltd (China), Cargill, Incorporated (U.S.), DIC Corporation (Japan), Seagrass Tech Private Limited (India), Tianjin Norland Biotech Co., Ltd. (China), COMPA?IA ESPA?OLA DE ALGAS MARINAS S A (Spain), W Hydrocolloids, Inc. (Philippines), SNAP Natural & Alginate Products Pvt. Ltd. (India), AlgoSource (France), Algamo s.r.o. (Czech Republic), Zhejiang Binmei Biotechnology Co., Ltd. (China), Algalimento SL (Spain), and Shaivaa Algaetech LLP (India).

Based on type, the algae products market for cosmetics is mainly segmented into hydrocolloids, algal proteins, lipids, and carotenoids. The carotenoids segment is projected to register the highest CAGR during the forecast period of 2024–2031 due to the increasing adoption of beta carotene, astaxanthin, and lutein in cosmetic products. Furthermore, the rising demand for sunscreen lotion has driven the utilization of algae-derived beta carotene, renowned for its effectiveness in skincare formulations for protecting against UVA-light-induced damage. Moreover, cosmetic products containing beta carotene are known to reduce oxidative damage to the skin and enhance its appearance.

Based on source, the algae products market for cosmetics is segmented into macroalgae/seaweed and microalgae. In 2024, the macroalgae/seaweed segment is expected to account for the larger share of the global algae products market for cosmetics. The large market share of this segment can be attributed to the abundant

availability of seaweed as raw materials for cosmetics and personal care industries, the increasing production of seaweed, and the growing awareness of the health benefits associated with seaweed products. Furthermore, the active components derived from seaweeds act as antioxidants, antibacterial and whitening agents, and anti-aging and anti-acne solutions, driving their adoption in the formulation of skin care products. Moreover, this segment is also projected to register the highest CAGR during the forecast period of 2024–2031.

Based on form, the global algae products market for cosmetics is segmented into dry and liquid. In 2024, the dry segment is expected to account for the larger share of the global algae products market for cosmetics. The large market share of this segment is attributed to the longer shelf-life and ease of transportation and storage of dry algae products compared to liquid algae products and the increasing use of algae powder for product formulation in the cosmetics industry. Moreover, this segment is also projected to register the highest CAGR during the forecast period of 2024–2031.

Based on application, the global algae products market for cosmetics is segmented into skin care products, hair care products, and other cosmetics applications. In 2024, the skin care products segment is expected to account for the largest share of the global algae products market for cosmetics. The large market share of this segment can be attributed to the rising consumer preferences for natural and organic skincare products, benefits of algae in skin care products, increasing skin health concerns, and rising technological advancements in the cosmetic industry. Additionally, this segment is projected to register the highest CAGR during the forecast period of 2024–2031 due to the increasing demand for multi-functional skin care products and the growing personal grooming trend.

An in-depth geographic analysis of the industry provides detailed qualitative and quantitative insights into the five major geographies (Asia-Pacific, Europe, North America, Latin America, and the Middle East & Africa) and the coverage of major countries in each region. Europe is expected to witness significant growth during the forecast period of 2024–2031, mainly due to the rapidly growing cosmetics industry, rising health & wellness trends, growing demand for natural or vegan cosmetics products, and growing demand for algae products from the cosmetic industry.

#### Key Questions Answered in the Report:

What is the value of revenue generated by the algae products market for cosmetics?

At what rate is the global demand for algae products for cosmetics projected to grow for the next 5-7 years?

What is the historical market size and growth rate for the algae products market for cosmetics?

What are the major factors impacting the growth of this market at global and regional levels?

What are the major opportunities for existing players and new entrants in the market?

Which type, source, form, and application segments create major traction for the manufacturers in this market?

What are the key geographical trends in this market? Which regions/countries are expected to offer significant growth opportunities for the manufacturers operating in the algae products market for cosmetics?

Who are the major players in the algae products market for cosmetics? What are their specific product offerings in this market?

What recent developments have taken place in the algae products market for cosmetics? What impact have these strategic developments created on the market?

Scope of the Report:

Global Algae Products Market for Cosmetics Assessment—by Type

Hydrocolloids

Carrageenan

Alginate

Agar

Other Hydrocolloids

Algal Protein

Lipids

Carotenoids

Beta Carotene

Astaxanthin

Lutein

Other Carotenoids

## Global Algae Products Market for Cosmetics Assessment—by Source

Macroalgae/Seaweed

Red Seaweed

Brown Seaweed

Green Seaweed

Microalgae

Spirulina

Chlorella

Dunaliella Salina

Haematococcus Pluvialis

Nannochloropsis

Other Microalgae Sources

Global Algae Products Market for Cosmetics Assessment—by Form

Dry

Liquid

Global Algae products market for cosmetics Assessment—by Application

Skin Care Products

Anti-aging Products

Moisturizers

Sunscreen Lotions/UV-protection Products

Other Skin Care Products

Hair Care Products

Hair Conditioning & Shampoos

Other Hair Care Products

Other Cosmetics Applications

Global Algae Products Market for Cosmetics Assessment—by Geography

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

North America

U.S.

Canada

Europe

France

Germany

U.K.

Italy

Spain

Rest of Europe

Latin America

Brazil

Mexico

Argentina

Chile

Rest of Latin America

Middle East and Africa

Related Reports:

Algae Products Market by Type (Hydrocolloids, Algal Protein, Lipids, Carotenoids), Source (Seaweed, Microalgae {Chlorella, Spirulina}), Form (Dry, Liquid), Application (Food & Beverage, Nutraceuticals, Cosmetic), and Geography - Global Forecast to 2030

<https://www.meticulousresearch.com/product/algae-products-market-3579>

Algae Market by Type (Macroalgae/Seaweed {Red, Brown}, Microalgae {Spirulina, Chlorella, D. Salina}), Distribution Channel (B2B, B2C), Form (Dry, Liquid), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics) - Global Forecast to 2030

<https://www.meticulousresearch.com/product/algae-market-5424>

Microalgae Market by Type (Spirulina, Chlorella, Dunaliella Salina, Nannochloropsis), Production Technique (Ponds, Fermenters, PBR), Distribution Channel (B2C, B2B), Application (Nutraceuticals, Food and Beverages), and Geography - Global Forecast to 2030

<https://www.meticulousresearch.com/product/microalgae-market-5197>

South East Asia Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Cosmetics, Agriculture) - Forecast to 2030

<https://www.meticulousresearch.com/product/south-east-asia-spirulina-market-5676>

North America Microalgae Market by Type (Spirulina, Chlorella, Dunaliella Salina), Category (Organic, Inorganic), Production Technique (Ponds, PBR), Distribution Channel (B2C, B2B), Application (Nutraceuticals, Food & Beverages) - Forecast to 2030



<https://www.meticulousresearch.com/product/north-america-microalgae-market-5579>

Seaweed Fertilizers Market by Form (Powder Seaweed Fertilizer, Liquid Seaweed Fertilizer), Application Mode (Foliar Spray), Crop Type (Field Crops, Horticultural Crops), End Use (Agriculture, Household Garden), and Geography - Global Forecast to 2030

<https://www.meticulousresearch.com/product/seaweed-fertilizers-market-5577>

Asia-Pacific Spirulina Market by Product Type (Powder, Tablets, Capsules, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Forecast to 2030

<https://www.meticulousresearch.com/product/asia-pacific-spirulina-market-5575>

Algal Pigments Market by Type (Beta-Carotene, Astaxanthin, Phycocyanin, Phycoerythrin, Chlorophyll), Form (Powder), Source (Microalgae, Macroalgae), Application (Food & Beverages, Aquaculture, Nutraceuticals, Pharmaceuticals, Cosmetics) - Global Forecast to 2030

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Haematococcus Pluvialis Market by Product (Astaxanthin Ingredients {Oleoresin, Beadlets}), Astaxanthin Bulk Finished Products {Capsules, Tablets}); Application (Nutraceuticals, Aquaculture, Cosmetics, Food), and Geography - Global Forecast to 2030

<https://www.meticulousresearch.com/product/haematococcus-pluvialis-market-5142>

Europe Haematococcus Pluvialis Market by Product (Astaxanthin Ingredients {Oleoresin, Beadlets}), Astaxanthin Bulk Finished Products {Capsules, Tablets}), Application (Nutraceuticals, Aquaculture, Cosmetics, Food), and Geography - Forecast to 2030

<https://www.meticulousresearch.com/product/europe-haematococcus-pluvialis-market-5496>

Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin),

*Algae Products Market for Cosmetics by Type (Hydrocolloids, Lipids, Carotenoids), Source (Seaweed, Microalgae...*

Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Global Forecast to 2030

<https://www.meticulousresearch.com/product/spirulina-market-5070>

Europe Microalgae Market by Type (Spirulina, Chlorella, Nannochloropsis), Category (Organic), Production Technique (Ponds, Fermenters, PBR), Distribution Channel (B2C, B2B), Application (Nutraceuticals, Food & Beverages), and Geography - Forecast to 2030

<https://www.meticulousresearch.com/product/europe-microalgae-market-5491>

Europe Phycocyanin Market by Form (Powder, Liquid), Grade (Food Grade Phycocyanin, Cosmetic Grade Phycocyanin, Reagent and Analytical Grade Phycocyanin), Application (Food and Beverages, Pharmaceuticals and Nutraceuticals)–Forecast To 2030

<https://www.meticulousresearch.com/product/europe-phycocyanin-market-5488>

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<https://www.meticulousresearch.com/product/phycocyanin-market-5126>

Europe Nannochloropsis Market by Form (Frozen, Liquid, Powder, Fresh Pastes), Application (Aquafeed, Extraction Companies, Other Application) - Forecast to 2030

<https://www.meticulousresearch.com/product/europe-nannochloropsis-market-5489>

Europe Chlorella Market by Cultivation Method (Autotrophic), Product (Extracts), Source (Chlorella Vulgaris, Chlorella Pyrenoidosa or Sorokiniana), Application (Nutraceuticals, Food and Beverages, Animal Feed), Distribution Channel (B2C) – Forecast to 2030

<https://www.meticulousresearch.com/product/europe-chlorella-market-5490>

Europe Seaweed Market by Type (Red Seaweed, Brown Seaweed, Green Seaweed),

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<https://www.meticulousresearch.com/product/europe-seaweed-market-5495>

Europe Dunaliella Salina Market by End User (Extraction Companies, Food and Beverage Companies, Feed Companies, Nutraceutical and Health Supplement companies, Pharmaceutical Companies, and Cosmetic Companies) - Forecast to 2030

<https://www.meticulousresearch.com/product/europe-dunaliella-salina-market-5497>

Europe Spirulina Market by Product Type (Powder, Tablets, Capsules, Flakes, Phycocyanin), Distribution Channel (Business Channel, Consumer Channel), Application (Nutraceuticals, Food & Beverages, Animal Feed, Cosmetics, Agriculture) - Forecast to 2030

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Nannochloropsis-derived Lipids Market by Application (Human Nutrition (Health Supplements & Nutraceuticals, Pharmaceuticals, Other Human Nutritional Applications), Animal Nutrition, and Other Applications) - Global Forecast to 2028

<https://www.meticulousresearch.com/product/nannochloropsis-derived-lipids-fatty-acids-market-5231>

Nannochloropsis Market by Form (Frozen, Liquid, Powder, Fresh Pastes), Application (Aquafeed, Extraction Companies, Other Application) - Global Forecast to 2028

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<https://www.meticulousresearch.com/product/natural-carotenoids-market-5232>

Seaweed Market by Type (Red Seaweed, Brown Seaweed, Green Seaweed), by form (Dry form, Liquid Form), by Application (Food and Beverage, Extraction of Hydrocolloids, Animal Feed, Agriculture, Others), and Geography – Global Forecast to

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<https://www.meticulousresearch.com/product/seaweed-market-5183>

Dunaliella Salina Market by End User (Extraction Companies, Food & Beverage Companies, Feed Companies, Nutraceutical & Health Supplement Companies, Pharmaceutical Companies, Cosmetics Companies) and Geography - Global Forecast to 2028

<https://www.meticulousresearch.com/product/dunaliella-salina-market-5168>

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