

Squid Oil Market Outlook 2025-2034: Market Share, and Growth Analysis By Culture (Freshwater, Marine, Brackish Water), By Distribution channel (Online retailers, Health food stores, Specialty Supplement Stores), By Applications

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Abstracts

The Squid Oil Market is valued at USD 6.4 billion in 2025 and is projected to grow at a CAGR of 8% to reach USD 12.8 billion by 2034. The squid oil market is an emerging segment within the broader marine-based oil industry, offering a potent source of omega-3 fatty acids, primarily docosahexaenoic acid (DHA) and eicosapentaenoic acid (EPA). Extracted from the liver and other tissues of squid, this oil is highly valued for its health benefits, including cardiovascular support, cognitive function improvement, and anti-inflammatory properties. Compared to traditional fish oils, squid oil often contains higher concentrations of DHA, making it attractive to both nutraceutical producers and end consumers seeking premium supplements. The market is also gaining traction in the animal feed industry, especially in aquaculture and pet nutrition, where omega-3 rich formulations are in demand. Rising consumer awareness about sustainable and traceable sourcing has further elevated interest in squid oil, with many producers emphasizing eco-friendly harvesting practices. While still niche compared to other marine oils, the squid oil market is steadily expanding due to its nutritional superiority, increasing R&D activity, and rising inclusion in health and wellness products globally. The squid oil market witnessed growth driven by increasing demand in the dietary supplements sector and greater emphasis on sustainable marine sourcing. Key industry players launched concentrated squid oil capsules targeting aging populations, with marketing highlighting its cognitive health benefits. Additionally, innovations in encapsulation and odor-neutralization techniques helped enhance product appeal to a broader demographic. In North America and Europe, the clean label movement prompted manufacturers to seek alternative omega-3 sources that are both potent and

traceable, placing squid oil in a favorable light. Asia-Pacific markets showed rising adoption in infant nutrition and functional foods, particularly as governments tightened regulations on nutritional quality standards. Meanwhile, in the aquaculture industry, squid oil was increasingly used as a sustainable alternative to fish oil in high-protein feed formulations. Supply chains remained stable, though regional harvesting restrictions and concerns about marine biodiversity prompted some companies to invest in traceability systems and improved byproduct utilization methods. The squid oil market is poised for further innovation and diversification, driven by advancements in marine biotechnology and evolving consumer expectations. Producers are expected to focus more on vertically integrated operations that support both traceability and environmental stewardship. There will be greater emphasis on high-purity DHA formulations for specialized health applications, including prenatal care and neurodegenerative disease support. Expansion into fortified food products—such as beverages, cereals, and snacks—will create new pathways for market growth beyond capsules and softgels. Moreover, as consumers continue to demand environmentally responsible sourcing, blockchain-based tracking systems and third-party certifications are likely to become standard. In the animal health space, customized squid oil blends will emerge for performance pets and farmed fish, addressing species-specific nutritional needs. However, regulatory scrutiny around marine resource exploitation will intensify, making compliance, sustainability disclosures, and stakeholder engagement critical to market participation. Overall, the squid oil market is set to evolve into a more mature, innovation-driven ecosystem that merges nutrition, ethics, and science.

Key Insights Squid Oil Market

Growing preference for squid oil in omega-3 supplements due to its higher DHA content is reshaping the premium segment of the marine oil market.

Technological advancements in deodorization and encapsulation are improving consumer acceptance of squid oil by reducing its strong marine taste and smell.

Increased use of squid oil in aquafeed and pet nutrition formulations reflects a broader shift toward sustainable marine byproducts in animal health.

Blockchain and traceability technologies are being adopted to verify sustainable harvesting and processing practices, appealing to environmentally conscious consumers.

Expansion of squid oil into functional foods and beverages is creating new

product categories and consumption opportunities beyond traditional supplement forms.

Rising global awareness of the health benefits of omega-3 fatty acids is driving consumer demand for high-potency, DHA-rich alternatives like squid oil.

Increasing focus on sustainable sourcing in the marine oil sector is positioning squid oil as an attractive option due to its lower ecological impact compared to some fish oils.

Growth in the nutraceutical and functional foods industry is expanding applications for squid oil in both preventive and clinical nutrition products.

Higher demand for omega-3 enriched pet and aquaculture feed is creating steady industrial demand for squid oil in non-human consumption markets.

Stringent regulations around marine resource harvesting and environmental protection may limit access to raw materials and increase compliance costs for squid oil producers globally.

Squid Oil Market Segmentation

By Culture

Freshwater

Marine

Brackish Water

By Distribution channel

Online retailers

Health food stores

Specialty Supplement Stores

By Applications

Fertilizers

Aquaculture

Pharmaceutical

Key Companies Analysed

King Fish Products Pvt. Ltd.

Bawa Fishmeal & Oil Co.

Aksha Fish Meal & Oil Company

Impextraco NV

Landbridge Ltd.

Coastal Group

Star Fish Exports

Qingdao Haixingyuan Biotechnology Co. Ltd.

Tianjin YR Chemspec Technology Co. Ltd.

Shen Zhen Simeiyue Tech Co. Ltd.

OLVEA Fish Oils

Aker BioMarine

Croda International Plc

Omega Protein Corporation

GC Rieber Oils

SeaDragon Marine Oils Limited

LYSI hf

Solutex GC

Maruha Nichiro Corporation

Nippon Suisan Kaisha Ltd.

Pacific Andes International Holdings Limited

Pesquera Exalmar S.A.A.

Rimfrost AS

Sireal

TASA

Triplenine Group

China National Fisheries Corporation

COPEINCA ASA

Pescanova

Omega S.A.

Squid Oil Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector

influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Squid Oil Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Squid Oil market data and outlook to 2034

United States

Canada

Mexico

Europe — Squid Oil market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Squid Oil market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Squid Oil market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Squid Oil market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Squid Oil value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Squid Oil industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and

what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Squid Oil Market Report

Global Squid Oil market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Squid Oil trade, costs, and supply chains

Squid Oil market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Squid Oil market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Squid Oil market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Squid Oil supply chain analysis

Squid Oil trade analysis, Squid Oil market price analysis, and Squid Oil supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Squid Oil market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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