

Global Squalene Market Size Study, by Source (Animal, Plant, Synthetic), by End-Use (Pharmaceuticals, Personal Care & Cosmetics, Nutraceuticals, Food & Beverages, Others), and Regional Forecasts 2022-2032

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Abstracts

The Global Squalene Market, valued at approximately USD 149.4 million in 2023, is anticipated to grow at a significant compound annual growth rate (CAGR) of 10.9% from 2024 to 2032. The rising demand for natural and organic ingredients, particularly in the personal care and cosmetics sector, is a primary driver of this market growth. Squalene, a translucent and odorless compound, is highly favored for its moisturizing properties, making it a popular emollient in a wide range of cosmetic and personal care products. The non-toxic nature of squalene further contributes to its widespread use in personal care applications.

The increasing use of squalene in vaccine formulations, including the COVID-19 vaccines, is also fueling market expansion. Squalene's ability to boost immune responses has made it an essential ingredient in various vaccines, highlighting its significance in the pharmaceutical industry. However, concerns over the sustainability of shark-derived squalene, due to the endangered status of several shark species, are leading to a shift toward plant-based and synthetic sources. This shift is further supported by stringent regulations, such as those imposed by the European Union, which have banned shark oil-based products in cosmetics, encouraging manufacturers to explore alternative sources.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. The North America is expected to see substantial growth during the forecast period, driven by the expanding cosmetics

industry and increasing awareness of animal welfare. The Marine Mammal Protection Act (MMPA) in the U.S. has led to a decline in the use of shark liver oil, pushing manufacturers toward plant-based squalene sources such as olive oil. The European market, particularly in countries like France, Germany, and Spain, also plays a significant role in the Global Squalene Market due to its large-scale production of olive oil, a major plant-based source of squalene.

Major market players included in this report are:

Amyris, Inc.
Sophim SAS
Henry Lamotte Oils GmbH
efpbiotek
Vestan Limited
Kuraray Co., LTD.
Croda International Plc
Aasha Biochem
Arbee
Oleicfat, s.l.
Kishimoto Special Liver Oil Co., Ltd.
Maruha Nichiro Corporation
Arbechem
VESTAN
Aasha Biochem

The detailed segments and sub-segment of the market are explained below:

By Source:

Animal
Shark Liver Oil
Other Animals
Plant
Amaranth Oil
Olive Oil
Rice Bran Oil
Other Plant Oils
Synthetic

By End-Use:

Pharmaceuticals
Personal Care & Cosmetics

Nutraceuticals
Food & Beverages
Others
By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Russia

Benelux

Asia-Pacific

China

India

Japan

South Korea

Vietnam

Thailand

Indonesia

South America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

South Africa

Years considered for the study are as follows:

Historical year – 2018-2022

Base year – 2023

Forecast period – 2024 to 2030

Key Takeaways:

Market Estimates & Forecast for 6 years from 2024 to 2030.

Annualized revenues and regional-level analysis for each market segment.
Detailed analysis of geographical landscape with country-level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL SQUALENE MARKET EXECUTIVE SUMMARY

- 1.1. Global Squalene Market Size & Forecast (2023-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Source
 - 1.3.2. By End-Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL SQUALENE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL SQUALENE MARKET DYNAMICS

- 3.1. Market Drivers

- 3.1.1. Rising Demand for Natural and Organic Ingredients in Cosmetics
- 3.1.2. Increasing Usage of Squalene in Vaccine Formulations
- 3.2. Market Challenges
 - 3.2.1. Sustainability Concerns with Shark-Derived Squalene
- 3.3. Market Opportunities
 - 3.3.1. Growth in Plant-Based and Synthetic Squalene Sources
 - 3.3.2. Expanding Applications in Pharmaceuticals and Nutraceuticals

CHAPTER 4. GLOBAL SQUALENE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SQUALENE MARKET SIZE & FORECASTS BY SOURCE 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Squalene Market: Source Revenue Trend Analysis, 2023-2032 (USD Million)
 - 5.2.1. Animal
 - 5.2.1.1. Shark Liver Oil

- 5.2.1.2. Other Animals
- 5.2.2. Plant
 - 5.2.2.1. Amaranth Oil
 - 5.2.2.2. Olive Oil
 - 5.2.2.3. Rice Bran Oil
 - 5.2.2.4. Other Plant Oils
- 5.2.3. Synthetic

CHAPTER 6. GLOBAL SQUALENE MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Squalene Market: End-Use Revenue Trend Analysis, 2023-2032 (USD Million)
 - 6.2.1. Pharmaceuticals
 - 6.2.2. Personal Care & Cosmetics
 - 6.2.3. Nutraceuticals
 - 6.2.4. Food & Beverages
 - 6.2.5. Others

CHAPTER 7. GLOBAL SQUALENE MARKET SIZE & FORECASTS BY REGION 2022-2032

- 7.1. North America Squalene Market
 - 7.1.1. U.S. Squalene Market
 - 7.1.1.1. Source breakdown size & forecasts, 2022-2032
 - 7.1.1.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.1.2. Canada Squalene Market
 - 7.1.2.1. Source breakdown size & forecasts, 2022-2032
 - 7.1.2.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.1.3. Mexico Squalene Market
 - 7.1.3.1. Source breakdown size & forecasts, 2022-2032
 - 7.1.3.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.1.4. Rest of North America Squalene Market
 - 7.1.4.1. Source breakdown size & forecasts, 2022-2032
 - 7.1.4.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2. Europe Squalene Market
 - 7.2.1. United Kingdom Squalene Market
 - 7.2.1.1. Source breakdown size & forecasts, 2022-2032

- 7.2.1.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.2. Germany Squalene Market
 - 7.2.2.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.2.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.3. France Squalene Market
 - 7.2.3.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.3.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.4. Italy Squalene Market
 - 7.2.4.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.4.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.5. Spain Squalene Market
 - 7.2.5.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.5.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.6. Russia Squalene Market
 - 7.2.6.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.6.2. End-Use breakdown size & forecasts, 2022-2032
- 7.2.7. Rest of Europe Squalene Market
 - 7.2.7.1. Source breakdown size & forecasts, 2022-2032
 - 7.2.7.2. End-Use breakdown size & forecasts, 2022-2032
- 7.3. Asia-Pacific Squalene Market
 - 7.3.1. India Squalene Market
 - 7.3.1.1. Source breakdown size & forecasts, 2022-2032
 - 7.3.1.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.3.2. China Squalene Market
 - 7.3.2.1. Source breakdown size & forecasts, 2022-2032
 - 7.3.2.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.3.3. Japan Squalene Market
 - 7.3.3.1. Source breakdown size & forecasts, 2022-2032
 - 7.3.3.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.3.4. South Korea Squalene Market
 - 7.3.4.1. Source breakdown size & forecasts, 2022-2032
 - 7.3.4.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.3.5. Rest of Asia-Pacific Squalene Market
 - 7.3.5.1. Source breakdown size & forecasts, 2022-2032
 - 7.3.5.2. End-Use breakdown size & forecasts, 2022-2032
- 7.4. South America Squalene Market
 - 7.4.1. Brazil Squalene Market
 - 7.4.1.1. Source breakdown size & forecasts, 2022-2032
 - 7.4.1.2. End-Use breakdown size & forecasts, 2022-2032

- 7.4.2. Argentina Squalene Market
 - 7.4.2.1. Source breakdown size & forecasts, 2022-2032
 - 7.4.2.2. End-Use breakdown size & forecasts, 2022-2032
- 7.4.3. Rest of South America Squalene Market
 - 7.4.3.1. Source breakdown size & forecasts, 2022-2032
 - 7.4.3.2. End-Use breakdown size & forecasts, 2022-2032
- 7.5. Middle East & Africa Squalene Market
 - 7.5.1. Saudi Arabia Squalene Market
 - 7.5.1.1. Source breakdown size & forecasts, 2022-2032
 - 7.5.1.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.5.2. South Africa Squalene Market
 - 7.5.2.1. Source breakdown size & forecasts, 2022-2032
 - 7.5.2.2. End-Use breakdown size & forecasts, 2022-2032
 - 7.5.3. Rest of Middle East & Africa Squalene Market
 - 7.5.3.1. Source breakdown size & forecasts, 2022-2032
 - 7.5.3.2. End-Use breakdown size & forecasts, 2022-2032

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Amyris, Inc.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Sophim SAS
 - 8.3.3. Henry Lamotte Oils GmbH
 - 8.3.4. efpbiotek
 - 8.3.5. Vestan Limited
 - 8.3.6. Kuraray Co., LTD.
 - 8.3.7. Croda International Plc
 - 8.3.8. Aasha Biochem
 - 8.3.9. Arbee

- 8.3.10. Oleicfat, s.l.
- 8.3.11. Kishimoto Special Liver Oil Co., Ltd.
- 8.3.12. Maruha Nichiro Corporation
- 8.3.13. Arbechem
- 8.3.14. VESTAN
- 8.3.15. Aasha Biochem

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

- 9.1.1. Data Mining
- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing

9.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Squalene Market, report scope

TABLE 2. Global Squalene Market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Squalene Market estimates & forecasts by Source 2022-2032 (USD Million)

TABLE 4. Global Squalene Market estimates & forecasts by End-Use 2022-2032 (USD Million)

TABLE 5. Global Squalene Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Global Squalene Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Global Squalene Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Squalene Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Squalene Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Squalene Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. U.S. Squalene Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. U.S. Squalene Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 13. U.S. Squalene Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 14. Canada Squalene Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. Canada Squalene Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 16. Canada Squalene Market estimates & forecasts by segment 2022-2032 (USD Million)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Squalene Market, research methodology
- FIG 2. Global Squalene Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Squalene Market, key trends 2024
- FIG 5. Global Squalene Market, growth prospects 2022-2032
- FIG 6. Global Squalene Market, porters 5 force model
- FIG 7. Global Squalene Market, PESTEL analysis
- FIG 8. Global Squalene Market, value chain analysis
- FIG 9. Global Squalene Market by segment, 2023-2032 (USD Million)
- FIG 10. Global Squalene Market by segment, 2023-2032 (USD Million)
- FIG 11. Global Squalene Market by segment, 2023-2032 (USD Million)
- FIG 12. Global Squalene Market by segment, 2023-2032 (USD Million)
- FIG 13. Global Squalene Market by segment, 2023-2032 (USD Million)
- FIG 14. Global Squalene Market, regional snapshot 2023 & 2032
- FIG 15. North America Squalene Market 2023-2032 (USD Million)
- FIG 16. Europe Squalene Market 2023-2032 (USD Million)
- FIG 17. Asia pacific Squalene Market 2023-2032 (USD Million)
- FIG 18. Latin America Squalene Market 2023-2032 (USD Million)
- FIG 19. Middle East & Africa Squalene Market 2023-2032 (USD Million)
- FIG 20. Global Squalene Market, company market share analysis (2023)

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