

Global Crude Sulfate Turpentine Market Size study, by Type (Alpha Pinene, Beta Pinene, Delta 3 Carene, Camphene, Limonene), by Application (Aromatic Chemicals, Adhesives, Paints and Printing Inks, Camphor), and Regional Forecasts 2022-2032

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Abstracts

The Global Crude Sulfate Turpentine Market is valued at approximately USD 290.96 million in 2023 and is anticipated to grow with a steady CAGR of 4.10% during the forecast period from 2024 to 2032. Crude sulfate turpentine (CST), a by-product of the kraft pulping process, has evolved from being a waste stream to a value-added feedstock used extensively in the production of fragrances, flavors, adhesives, and resins. Enriched with key monoterpenes such as alpha-pinene, beta-pinene, and limonene, CST has emerged as a sustainable, bio-based alternative to petrochemical derivatives, finding traction in numerous downstream industries. The increasing global emphasis on renewable chemical feedstocks and environmentally conscious manufacturing has significantly influenced the market's upward trajectory.

This evolution is further fueled by multiple interwoven dynamics driving demand. The fragrance and aroma chemical industries are notably pushing the frontier of CST adoption, leveraging its terpenic compounds for synthesizing intermediates like linalool, geraniol, and camphor. Meanwhile, the adhesives and coatings sectors are capitalizing on CST's compatibility and reactivity in resin formulations used for paints, inks, and sealants. As industries pivot toward low-VOC and sustainable alternatives, CST-based products are being favorably positioned in compliance with green chemistry initiatives. In parallel, growth in packaging, construction, and automotive manufacturing contributes to a swelling demand for performance-based coatings and adhesives, a key application area for CST.

However, despite its clear commercial and environmental appeal, the CST market faces certain operational headwinds. Price volatility linked to pulp production cycles, quality variation in CST streams, and the requirement for specialized refining infrastructure present persistent challenges. Moreover, the dependency on forest-derived raw materials places the industry under scrutiny amid evolving deforestation regulations and sustainable forestry mandates. Nevertheless, innovations in terpene refining technologies, increasing integration of CST into specialty chemical value chains, and investment in circular economy models are mitigating these concerns, steadily reinforcing market confidence.

Regionally, North America commands a significant share of the CST market, buoyed by mature pulp and paper industries and strong demand from the specialty chemical segment. Europe, guided by REACH regulations and green industrial policies, is amplifying CST usage in biodegradable and bio-based alternatives. Asia Pacific is emerging as a high-potential growth frontier, propelled by large-scale industrialization, rising consumer product output, and increased awareness around eco-friendly feedstocks. Countries like China and India are aggressively expanding their capacity to utilize turpentine-derived ingredients in adhesives, fragrances, and coatings. Meanwhile, Latin America and the Middle East & Africa are progressively exploring CST for integration into local resin and solvent markets.

Major market player included in this report are:

Dujodwala Paper Chemicals Ltd.

Renessenz LLC

Derives Resiniques et Terpeniques (DRT)

Harting S.A.

Arizona Chemical Company LLC

Pine Chemical Group

Privi Organics India Limited

Yasuhara Chemical Co. Ltd.

International Flavors & Fragrances Inc.

Prakash Chemicals International Pvt. Ltd.

Lawter Inc.

Kraton Corporation

Wuzhou Sun Shine Forestry & Chemicals Co., Ltd.

Synthite Industries Ltd.

Florachem Corporation

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

By Type

Alpha Pinene

Beta Pinene

Delta 3 Carene

Camphene

Limonene

By Application

Aromatic Chemicals

Adhesives

Paints and Printing Inks

Camphor

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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 CRUDE SULFATE TURPENTINE MARKET EXECUTIVE SUMMARY

- 1.1. Global Crude Sulfate Turpentine Market Size & Forecast (2022–2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL CRUDE SULFATE TURPENTINE 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 CRUDE SULFATE TURPENTINE MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Demand in Fragrance & Aroma Chemicals
- 3.1.2. Growing Adoption in Adhesives & Coatings
- 3.1.3. Shift toward Low VOC Sustainable Alternatives

3.2. Market Challenges

- 3.2.1. Price Volatility and Quality Inconsistency
- 3.2.2. Dependence on Forest Derived Raw Materials

3.3. Market Opportunities

- 3.3.1. Innovations in Terpene Refining & Purification
- 3.3.2. Expansion into Specialty Chemical Value Chains
- 3.3.3. Adoption of Circular Economy Models

CHAPTER 4. GLOBAL CRUDE SULFATE TURPENTINE 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 CRUDE SULFATE TURPENTINE MARKET SIZE?&?FORECASTS BY TYPE?2022–2032

5.1. Segment Dashboard

5.2. Global Crude Sulfate Turpentine Market: Type Revenue Trend Analysis, 2022–2032 (USD Million)

5.2.1. Alpha Pinene

5.2.2. Beta Pinene

5.2.3. Delta 3 Carene

5.2.4. Camphene

5.2.5. Limonene

CHAPTER 6. GLOBAL CRUDE SULFATE TURPENTINE MARKET SIZE & FORECASTS BY APPLICATION 2022–2032

6.1. Segment Dashboard

6.2. Global Crude Sulfate Turpentine Market: Application Revenue Trend Analysis, 2022–2032 (USD Million)

6.2.1. Aromatic Chemicals

6.2.2. Adhesives

6.2.3. Paints and Printing Inks

6.2.4. Camphor

CHAPTER 7. GLOBAL CRUDE SULFATE TURPENTINE MARKET SIZE & FORECASTS BY REGION 2022–2032

7.1. North America Crude Sulfate Turpentine Market

7.1.1. U.S. Crude Sulfate Turpentine Market

7.1.1.1. Type breakdown size & forecasts, 2022–2032

7.1.1.2. Application breakdown size & forecasts, 2022–2032

7.1.2. Canada Crude Sulfate Turpentine Market

7.2. Europe Crude Sulfate Turpentine Market

7.2.1. UK Crude Sulfate Turpentine Market

7.2.2. Germany Crude Sulfate Turpentine Market

7.2.3. France Crude Sulfate Turpentine Market

7.2.4. Spain Crude Sulfate Turpentine Market

7.2.5. Italy Crude Sulfate Turpentine Market

7.2.6. Rest of Europe Crude Sulfate Turpentine Market

7.3. Asia Pacific Crude Sulfate Turpentine Market

7.3.1. China Crude Sulfate Turpentine Market

7.3.2. India Crude Sulfate Turpentine Market

7.3.3. Japan Crude Sulfate Turpentine Market

- 7.3.4. Australia Crude Sulfate Turpentine Market
- 7.3.5. South Korea Crude Sulfate Turpentine Market
- 7.3.6. Rest of Asia Pacific Crude Sulfate Turpentine Market
- 7.4. Latin America Crude Sulfate Turpentine Market
 - 7.4.1. Brazil Crude Sulfate Turpentine Market
 - 7.4.2. Mexico Crude Sulfate Turpentine Market
 - 7.4.3. Rest of Latin America Crude Sulfate Turpentine Market
- 7.5. Middle East&&Africa Crude Sulfate Turpentine Market
 - 7.5.1. Saudi Arabia Crude Sulfate Turpentine Market
 - 7.5.2. South Africa Crude Sulfate Turpentine Market
 - 7.5.3. Rest of Middle East&&Africa Crude Sulfate Turpentine Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Derives Resiniques et Terpeniques (DRT)
 - 8.1.2. Arizona Chemical Company LLC
 - 8.1.3. International Flavors & Fragrances Inc.
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Derives Resiniques et Terpeniques (DRT)
 - 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. Arizona Chemical Company LLC
 - 8.3.3. Dujodwala Paper Chemicals Ltd.
 - 8.3.4. Renessenz LLC
 - 8.3.5. Harting S.A.
 - 8.3.6. Pine Chemical Group
 - 8.3.7. Privi Organics India Limited
 - 8.3.8. Yasuhara Chemical Co. Ltd.
 - 8.3.9. International Flavors & Fragrances Inc.
 - 8.3.10. Prakash Chemicals International Pvt. Ltd.
 - 8.3.11. Lawter Inc.
 - 8.3.12. Kraton Corporation
 - 8.3.13. Wuzhou Sun Shine Forestry & Chemicals Co., Ltd.
 - 8.3.14. Synthite Industries Ltd.

8.3.15. Florachem Corporation

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 Crude Sulfate Turpentine market, report scope
- TABLE?2. Global Crude Sulfate Turpentine market estimates?&?forecasts by Region 2022–2032 (USD Million)
- TABLE?3. Global Crude Sulfate Turpentine market estimates?&?forecasts by Type 2022–2032 (USD Million)
- TABLE?4. Global Crude Sulfate Turpentine market estimates?&?forecasts by Application 2022–2032 (USD Million)
- TABLE?5. Global Crude Sulfate Turpentine market by segment, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?6. Global Crude Sulfate Turpentine market by region, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?7. Global Crude Sulfate Turpentine market by segment, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?8. Global Crude Sulfate Turpentine market by region, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?9. Global Crude Sulfate Turpentine market by segment, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?10. Global Crude Sulfate Turpentine market by region, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?11. Global Crude Sulfate Turpentine market by segment, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?12. Global Crude Sulfate Turpentine market by region, estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?13. U.S. Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?14. U.S. Crude Sulfate Turpentine market estimates?&?forecasts by segment 2022–2032 (USD Million)
- TABLE?15. Canada Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?16. Canada Crude Sulfate Turpentine market estimates?&?forecasts by segment 2022–2032 (USD Million)
- TABLE?17. Europe Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)
- TABLE?18. Asia Pacific Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)

TABLE?19. Latin America Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)

TABLE?20. Middle East?&?Africa Crude Sulfate Turpentine market estimates?&?forecasts, 2022–2032 (USD Million)

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