

# Global Sodium Thiosulphate Market Size Study & Forecast, by Grade, Purity, Application, Form and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/GC0EFE8BDCC4EN.html>

Date: June 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: GC0EFE8BDCC4EN

## Abstracts

The Global Sodium Thiosulphate Market is valued at approximately USD 2.68 billion in 2024 and is poised to expand at a steady compound annual growth rate of 2.57% over the forecast period 2025–2035. Sodium thiosulphate, a colorless crystalline compound with versatile industrial applications, has carved a critical role in sectors ranging from water treatment and food preservation to textile processing and medical use. Due to its remarkable neutralizing and stabilizing properties, the compound continues to find increasing acceptance in processes requiring detoxification, dechlorination, and photographic fixing. The global market trajectory is significantly shaped by the continuous expansion of wastewater treatment infrastructure and the rising stringency of environmental regulations that propel the adoption of safe, effective chemical solutions.

As industrial operations become more sustainability-driven, sodium thiosulphate is witnessing a growing preference as a reliable agent for removing residual chlorine in municipal water supplies and industrial effluents. Additionally, its relevance in textile dyeing operations, where it acts as a bleaching neutralizer and color stabilizer, remains critical for high-volume fabric production hubs. The food-grade segment is gaining traction too, with increasing demand for food preservatives that maintain quality without compromising safety. However, price volatility of raw materials and availability of alternatives like sodium metabisulphite may challenge widespread adoption. Yet, with ongoing advancements in manufacturing purity levels and increasing R&D into pharmaceutical-grade sodium thiosulphate for treating cyanide poisoning and calciphylaxis, the market outlook remains favorable.

Regionally, North America maintained its leading position in 2024, underpinned by robust water treatment regulations, presence of key chemical manufacturers, and

demand from high-end food processing and healthcare sectors. Europe followed closely, supported by strong environmental policies, well-developed textile industries, and innovative pharmaceutical applications. The Asia Pacific region, however, is anticipated to register the fastest growth through 2035, driven by rapid industrialization, expanding textile production, and government-led water sanitation programs across nations such as China, India, and Southeast Asia. In Latin America and the Middle East & Africa, increasing awareness of clean water initiatives and the need for industrial chemical upgrades are creating pockets of opportunity for sodium thiosulphate suppliers.

Major market player included in this report are:

BASF SE

Hawkins, Inc.

Esseco Group

Muby Chemicals

Merck KGaA

Henan Qingyuan Chemical Industry Co., Ltd.

Solvay S.A.

Guangdi Chemicals

Aldon Corporation

Shandong Xinhua Pharmaceutical Co., Ltd.

American Elements

GFS Chemicals, Inc.

Triveni Chemicals

Alfa Aesar

Tokyo Chemical Industry Co., Ltd.

## Global Sodium Thiosulphate Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Grade:

Technical Grade

Pharmaceutical Grade

Food Grade

By Purity:

98.5%

99%

99.5%

By Application:

Water Treatment

Textile Processing

Photography

Food Additives

By Form:

Crystals

Powder

Solution

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

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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 SODIUM THIOSULPHATE MARKET REPORT SCOPE & METHODOLOGY**

- 1.1. Research Objective
- 1.2. Research Methodology
  - 1.2.1. Forecast Model
  - 1.2.2. Desk Research
  - 1.2.3. Top-Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
  - 1.4.1. Market Definition
  - 1.4.2. Market Segmentation
- 1.5. Research Assumption
  - 1.5.1. Inclusion & Exclusion
  - 1.5.2. Limitations
  - 1.5.3. Years Considered for the Study

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

### **CHAPTER 3. GLOBAL SODIUM THIOSULPHATE MARKET FORCES ANALYSIS**

- 3.1. Market Forces Shaping the Global Sodium Thiosulphate Market (2024–2035)
- 3.2. Drivers
  - 3.2.1. Expansion of Municipal and Industrial Water Treatment Infrastructure
  - 3.2.2. Growth in Textile Processing and Photographic Industries
- 3.3. Restraints
  - 3.3.1. Volatility in Raw Material Prices and Availability of Substitutes
  - 3.3.2. Regulatory Challenges Related to Chemical Handling and Disposal
- 3.4. Opportunities
  - 3.4.1. Rising Demand for Food-Grade Preservatives in the Food & Beverage Sector
  - 3.4.2. Development of High-Purity Grades for Pharmaceutical Applications

## **CHAPTER 4. GLOBAL SODIUM THIOSULPHATE INDUSTRY ANALYSIS**

- 4.1. Porter's Five Forces Model
  - 4.1.1. Bargaining Power of Buyers
  - 4.1.2. Bargaining Power of Suppliers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's Five Forces Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
  - 4.3.1. Political
  - 4.3.2. Economic
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends 2025
- 4.8. Analyst Recommendations & Conclusion

## **CHAPTER 5. GLOBAL SODIUM THIOSULPHATE MARKET SIZE & FORECASTS BY GRADE 2025–2035**

- 5.1. Market Overview
- 5.2. Technical Grade
  - 5.2.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035
  - 5.2.2. Market Size Analysis by Region, 2025–2035
- 5.3. Pharmaceutical Grade
  - 5.3.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035
  - 5.3.2. Market Size Analysis by Region, 2025–2035
- 5.4. Food Grade
  - 5.4.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035
  - 5.4.2. Market Size Analysis by Region, 2025–2035

## **CHAPTER 6. GLOBAL SODIUM THIOSULPHATE MARKET SIZE & FORECASTS BY PURITY 2025–2035**



## 6.1. Market Overview

## 6.2. 98.5% Purity

### 6.2.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 6.2.2. Market Size Analysis by Region, 2025–2035

## 6.3. 99% Purity

### 6.3.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 6.3.2. Market Size Analysis by Region, 2025–2035

## 6.4. 99.5% Purity

### 6.4.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 6.4.2. Market Size Analysis by Region, 2025–2035

## **CHAPTER 7. GLOBAL SODIUM THIOSULPHATE MARKET SIZE & FORECASTS BY APPLICATION 2025–2035**

## 7.1. Market Overview

## 7.2. Water Treatment

### 7.2.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 7.2.2. Market Size Analysis by Region, 2025–2035

## 7.3. Textile Processing

### 7.3.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 7.3.2. Market Size Analysis by Region, 2025–2035

## 7.4. Photography

### 7.4.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 7.4.2. Market Size Analysis by Region, 2025–2035

## 7.5. Food Additives

### 7.5.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 7.5.2. Market Size Analysis by Region, 2025–2035

## **CHAPTER 8. GLOBAL SODIUM THIOSULPHATE MARKET SIZE & FORECASTS BY FORM 2025–2035**

## 8.1. Market Overview

## 8.2. Crystals

### 8.2.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 8.2.2. Market Size Analysis by Region, 2025–2035

## 8.3. Powder

### 8.3.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

### 8.3.2. Market Size Analysis by Region, 2025–2035

## 8.4. Solution

8.4.1. Top Countries Breakdown – Estimates & Forecasts, 2024–2035

8.4.2. Market Size Analysis by Region, 2025–2035

## **CHAPTER 9. GLOBAL SODIUM THIOSULPHATE MARKET SIZE & FORECASTS BY REGION 2025–2035**

9.1. Regional Market Snapshot

9.2. Top Leading & Emerging Countries

9.3. North America Sodium Thiosulphate Market

9.3.1. U.S. – Application Breakdown Size & Forecasts, 2025–2035

9.3.2. Canada – Application Breakdown Size & Forecasts, 2025–2035

9.4. Europe Sodium Thiosulphate Market

9.4.1. UK – Application Breakdown Size & Forecasts, 2025–2035

9.4.2. Germany – Application Breakdown Size & Forecasts, 2025–2035

9.4.3. France – Application Breakdown Size & Forecasts, 2025–2035

9.4.4. Spain – Application Breakdown Size & Forecasts, 2025–2035

9.4.5. Italy – Application Breakdown Size & Forecasts, 2025–2035

9.4.6. Rest of Europe – Application Breakdown Size & Forecasts, 2025–2035

9.5. Asia Pacific Sodium Thiosulphate Market

9.5.1. China – Application Breakdown Size & Forecasts, 2025–2035

9.5.2. India – Application Breakdown Size & Forecasts, 2025–2035

9.5.3. Japan – Application Breakdown Size & Forecasts, 2025–2035

9.5.4. Australia – Application Breakdown Size & Forecasts, 2025–2035

9.5.5. South Korea – Application Breakdown Size & Forecasts, 2025–2035

9.5.6. Rest of Asia Pacific – Application Breakdown Size & Forecasts, 2025–2035

9.6. Latin America Sodium Thiosulphate Market

9.6.1. Brazil – Application Breakdown Size & Forecasts, 2025–2035

9.6.2. Mexico – Application Breakdown Size & Forecasts, 2025–2035

9.7. Middle East & Africa Sodium Thiosulphate Market

9.7.1. UAE – Application Breakdown Size & Forecasts, 2025–2035

9.7.2. Saudi Arabia – Application Breakdown Size & Forecasts, 2025–2035

9.7.3. South Africa – Application Breakdown Size & Forecasts, 2025–2035

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

10.1. Top Market Strategies

10.2. BASF SE

10.2.1. Company Overview

10.2.2. Key Executives

- 10.2.3. Company Snapshot
- 10.2.4. Financial Performance (Subject to Data Availability)
- 10.2.5. Product/Services Portfolio
- 10.2.6. Recent Development
- 10.2.7. Market Strategies
- 10.2.8. SWOT Analysis
- 10.3. Hawkins, Inc.
- 10.4. Esseco Group
- 10.5. Muby Chemicals
- 10.6. Merck KGaA
- 10.7. Henan Qingyuan Chemical Industry Co., Ltd.
- 10.8. Solvay S.A.
- 10.9. Guangdi Chemicals
- 10.10. Aldon Corporation
- 10.11. Shandong Xinhua Pharmaceutical Co., Ltd.
- 10.12. American Elements
- 10.13. GFS Chemicals, Inc.
- 10.14. Triveni Chemicals
- 10.15. Alfa Aesar
- 10.16. Tokyo Chemical Industry Co., Ltd.

## List Of Tables

### LIST OF TABLES

Table 1. Global Sodium Thiosulphate Market, Report Scope

Table 2. Global Sodium Thiosulphate Market Estimates & Forecasts By Region  
2024–2035

Table 3. Global Sodium Thiosulphate Market Estimates & Forecasts By Grade  
2024–2035

Table 4. Global Sodium Thiosulphate Market Estimates & Forecasts By Purity  
2024–2035

Table 5. Global Sodium Thiosulphate Market Estimates & Forecasts By Application  
2024–2035

Table 6. Global Sodium Thiosulphate Market Estimates & Forecasts By Form  
2024–2035

Table 7. U.S. Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 8. Canada Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 9. UK Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 10. Germany Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 11. France Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 12. Spain Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 13. Italy Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 14. Rest of Europe Sodium Thiosulphate Market Estimates & Forecasts,  
2024–2035

Table 15. China Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 16. India Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 17. Japan Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 18. Australia Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 19. South Korea Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

Table 20. Brazil Sodium Thiosulphate Market Estimates & Forecasts, 2024–2035

## List Of Figures

### LIST OF FIGURES

- Fig 1. Global Sodium Thiosulphate Market, Research Methodology
- Fig 2. Global Sodium Thiosulphate Market, Market Estimation Techniques
- Fig 3. Global Market Size Estimates & Forecast Methods
- Fig 4. Global Sodium Thiosulphate Market, Key Trends 2025
- Fig 5. Global Sodium Thiosulphate Market, Growth Prospects 2024–2035
- Fig 6. Global Sodium Thiosulphate Market, Porter's Five Forces Model
- Fig 7. Global Sodium Thiosulphate Market, PESTEL Analysis
- Fig 8. Global Sodium Thiosulphate Market, Value Chain Analysis
- Fig 9. Sodium Thiosulphate Market By Grade, 2025 & 2035
- Fig 10. Sodium Thiosulphate Market By Purity, 2025 & 2035
- Fig 11. Sodium Thiosulphate Market By Application, 2025 & 2035
- Fig 12. Sodium Thiosulphate Market By Form, 2025 & 2035
- Fig 13. North America Sodium Thiosulphate Market, 2025 & 2035
- Fig 14. Europe Sodium Thiosulphate Market, 2025 & 2035
- Fig 15. Asia Pacific Sodium Thiosulphate Market, 2025 & 2035
- Fig 16. Latin America Sodium Thiosulphate Market, 2025 & 2035
- Fig 17. Middle East & Africa Sodium Thiosulphate Market, 2025 & 2035
- Fig 18. Global Sodium Thiosulphate Market, Company Market Share Analysis (2025)

## I would like to order

Product name: Global Sodium Thiosulphate Market Size Study & Forecast, by Grade, Purity, Application, Form and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/GC0EFE8BDCC4EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC0EFE8BDCC4EN.html>