

# Soda Ash Market Report by Application (Glass, Soaps and detergents, Chemicals, Metallurgy, Pulp and paper, and Others), and Region 2024-2032

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## Abstracts

The global soda ash market size reached US\$ 19.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 30.1 Billion by 2032, exhibiting a growth rate (CAGR) of 4.6% during 2024-2032. The growing utilization in the construction and automotive industries, increasing employment in wastewater treatment, and rising capacity expansion represent some of the key factors driving the market.

### Rising Demand in Construction and Automotive Industry Augmenting Market Growth

The rising demand in the construction and automotive industries currently represents one of the primary drivers of the soda ash market. The glass industry is the largest end-use industry of soda ash, as it is utilized in the construction industry for manufacturing doors and windows and other related products. Glass is also widely utilized in the automotive industry to produce various automotive parts. There is an increase in commercial estate projects due to changing consumer lifestyles, along with the inflating income level of individuals around the world. Moreover, technological advancements in the glass industry are bolstering the growth of the soda ash market across the globe.

Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. The market structure is concentrated with some players accounted for more than half of the share in the soda ash industry. The volume of new entrants is low in the soda ash industry due to the high capital investments, concentrated market structure, and stringent rules and regulations for environment protection. Apart from

this, the product differentiation is low, as the majority of the market comprises of products with little differentiation between several manufacturers.

What is Soda ash?

Soda ash, also known as sodium carbonate, refers to a white, anhydrous, powdered, or granular substance. It is an alkali chemical that is manufactured from mineral trona, naturally occurring sodium carbonate-bearing brines, or wood ashes of plants grown in salt-bearing soils, such as saltwort, kelp, and seaweed. It is highly purified and widely available in numerous grades that differ primarily in bulk density. It is effective, economical, and beneficial in removing alcohol and grease stains from various clothing materials. Soda ash reacts with water vapor to form sodium hydroxide and carbon dioxide (CO<sub>2</sub>) at a high temperature. It easily removes or de-clarifies phosphates and sulfurs from several non-ferrous and ferrous ores. It also decreases the melting point of silica and is used to manufacture glass. It assists in enhancing the alkalinity of lakes, maintaining the potential of hydrogen (pH) in water, and has disinfectant properties. Besides this, it aids in lowering the acidity of emissions that are generated from a power plant. It is also a suitable alternative to sodium hydroxide in cooking for lying, particularly with lye rolls and German pretzels. As a result, soda ash is widely employed in the automotive, construction, manufacturing, paper and pulp, and soap and detergents industries around the world.

COVID-19 Impact:

The COVID-19 pandemic outbreak has caused a severe problem for the soda ash industry and imposed unprecedented challenges on numerous countries worldwide. The production plants were slowed down or temporarily shut down during the initial months of the widespread pandemic. There was a supply chain disruption on account of the unavailability of raw materials, shortage of labor, and low stocks. In addition to this, the stringent rules and restrictions imposed by the governing agencies of various countries on the cross-border exchange led to a significant negative impact on the overall demand and market of soda ash. Logistics providers were unable to transport goods, particularly across borders. The manufacturers in the soda ash industry faced huge losses due to the restriction on the movement of goods, limitations on road movement, and labor shortages. Apart from this, exports and imports of goods were highly affected by the COVID-19 pandemic. The port and border restrictions adversely affected trade activities, which has impacted the soda ash industry. However, post-pandemic governing agencies of several countries are providing logistical support for the smooth functioning of exports and imports, and the situation has been continuously improving.

Thus, the soda ash industry is expected to rise in the coming years due to the opening of manufacturing units worldwide.

#### Soda Ash Market Trends:

At present, the increasing utilization of soda ash in the construction and automotive industries for manufacturing glass represents one of the key factors contributing to the growth of the market. Moreover, the rising demand for soda ash in wastewater treatment to maintain hygiene and remove impurities from water is offering lucrative growth opportunities to industry investors. Apart from this, the growing utilization of soda ash for manufacturing dyes, coloring agents, and fertilizers is offering a positive market outlook. In addition to this, there is a rise in the demand for inexpensive and effective cleaning solutions that assist in decreasing stains from clothes. This, coupled with the increasing adoption of soda ash to increase the alkalinity in swimming pools and ensure the proper potential of hydrogen (pH) balance of the water, is propelling the growth of the market. Besides this, the growing demand for soda ash to produce several products in numerous end-use industries is positively influencing the market. Additionally, the increasing employment of soda ash to manufacture sealants and glues across the globe is supporting the growth of the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global soda ash market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on application.

#### Application Insights:

- Glass
- Soaps and detergents
- Chemicals
- Metallurgy
- Pulp and paper
- Others

The report has provided a detailed breakup and analysis of the soda ash market based on the application. This includes glass, soaps and detergents, chemicals, metallurgy, pulp and paper, and others. According to the report, glass represented the largest segment, as soda ash is widely utilized in the production of glass, fiberglass insulation,

glass sheets, and glass containers. Moreover, the growing demand for glass in the construction and automotive industries to manufacture various components is impelling the market growth.

#### Regional Insights:

China

Asia Pacific (Excluding China)

Europe

North America

Latin America

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include China, Asia Pacific (excluding China), Europe, North America, Latin America, and Middle East and Africa. According to the report, China was the largest market for soda ash. Some of the factors driving the China soda ash market included the growing demand from the construction and manufacturing industries, thriving glass industry, and rapid urbanization. In addition to this, the increasing utilization of glass in new housing and infrastructure is propelling the growth of the market. Moreover, there is a rapid utilization of ammonium chloride to produce fertilizer, which is strengthening the market growth in the region. Besides this, soda ash capacity is continuously increasing through greenfield or from debottlenecking existing capacity and it is further expected to rise in the forthcoming years.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global soda ash market. Some of the companies covered in the report include:

Solvay S.A.

Tata Chemicals Limited

Shandong Haihua Group Co. Ltd.

Tronox Limited

Nirma Limited

Please note that this only represents a partial list of companies, and the complete list has been provided in the report.

## Key Questions Answered in This Report

1. What was the size of the global soda ash market in 2023?
2. What is the expected growth rate of the global soda ash market during 2024-2032?
3. What are the key factors driving the global soda ash market?
4. What has been the impact of COVID-19 on the global soda ash market?
5. What is the breakup of the global soda ash market based on the application?
6. What are the key regions in the global soda ash market?
7. Who are the key players/companies in the global soda ash market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Physical and Chemical Properties
- 4.3 Key Industry Trends

### 5 GLOBAL SODA ASH INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
  - 5.2.1 Volume Trends
  - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Price Trends
- 5.5 Market Forecast
- 5.6 SWOT Analysis
  - 5.6.1 Overview
  - 5.6.2 Strengths
  - 5.6.3 Weaknesses

- 5.6.4 Opportunities
- 5.6.5 Threats
- 5.7 Value Chain Analysis
- 5.8 Product Pricing and Margin Analysis
- 5.9 Porter's Five Forces Analysis
  - 5.9.1 Overview
  - 5.9.2 Bargaining Power of Buyers
  - 5.9.3 Bargaining Power of Suppliers
  - 5.9.4 Degree of Rivalry
  - 5.9.5 Threat of New Entrants
  - 5.9.6 Threat of Substitutes
- 5.10 Trade Data
  - 5.10.1 Imports
  - 5.10.2 Exports
- 5.11 Key Market Drivers and Success Factors

## **6 PERFORMANCE OF KEY REGIONS**

- 6.1 China
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Asia Pacific (Excluding China)
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Europe
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast
- 6.4 North America
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Latin America
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Middle East and Africa
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Glass
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Soaps and Detergents
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Chemicals
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Metallurgy
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Pulp and Paper
  - 7.5.1 Market Trends
  - 7.5.2 Market Forecast
- 7.6 Others
  - 7.6.1 Market Trends
  - 7.6.2 Market Forecast

## **8 COMPETITIVE LANDSCAPE**

- 8.1 Market Structure
- 8.2 Market Share of Key Players
- 8.3 Key Player Profiles
  - 8.3.1 Solvay S.A.
  - 8.3.2 Tata Chemicals Limited
  - 8.3.3 Shandong Haihua Group Co. Ltd.
  - 8.3.4 Tronox Ltd.
  - 8.3.5 Nirma Limited

## **9 SODA ASH MANUFACTURING PROCESS**

- 9.1 Product Overview
- 9.2 Chemical Reactions Involved
- 9.3 Detailed Process Flow
- 9.4 Raw Material Requirements
- 9.5 Mass Balance and Feedstock Conversion Rate

## **10 SODA ASH: FEEDSTOCK ANALYSIS**



## 10.1 Ammonia

10.1.1 Market Performance

10.1.2 Price Trends

10.1.3 Market Breakup by Region

10.1.4 Market Breakup by Application

10.1.5 Key Suppliers

## 10.2 Limestone

10.2.1 Market Performance

10.2.2 Price Trends

10.2.3 Market Breakup by Region

10.2.4 Market Breakup by Application

10.2.5 Key Suppliers

## 10.3 Sodium Chloride

10.3.1 Market Performance

10.3.2 Price Trends

10.3.3 Market Breakup by Region

10.3.4 Market Breakup by Application

10.3.5 Key Suppliers

## List Of Tables

### LIST OF TABLES

Table 1: Physical Properties of Soda Ash

Table 2: Chemical Properties of Soda Ash

Table 3: Global Soda Ash Market: Key Industry Highlights, 2023 and 2032

Table 4: Global: Soda Ash: Import Data of Major Countries, 2022

Table 5: Global: Soda Ash: Export Data of Major Countries, 2022

Table 6: Global: Soda Ash Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Soda Ash Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 8: Soda Ash Manufacturing: Chemical Reactions Involved in Soda Ash production

Table 9: Soda Ash Manufacturing: Chemical Reactions Involved in Soda Ash Formation

Table 10: Soda Ash Manufacturing Process: Raw Materials Required

Table 11: Global: Soda Ash Market: Competitive Structure

Table 12: Global: Key Ammonia Suppliers

Table 13: Global: Key Limestone Suppliers

Table 14: Global: Key Sodium Chloride Suppliers

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Soda Ash Market: Major Drivers and Challenges
- Figure 2: Global: Soda Ash Market: Volume Trends (in Million Tons), 2018-2023
- Figure 3: Global: Soda Ash Market: Value Trends (in Billion US\$), 2018-2023
- Figure 4: Global: Soda Ash Market: Price Trends (in US\$/Ton), 2018-2023
- Figure 5: Global: Soda Ash Market Forecast: Volume Trends (in Million Tons), 2024-2032
- Figure 6: Global: Soda Ash Market Forecast: Value Trends (in Billion US\$), 2024-2032
- Figure 7: Global: Soda Ash Industry: SWOT Analysis
- Figure 8: Global: Soda Ash Industry: Value Chain Analysis of Synthetic Soda Ash
- Figure 9: Global: Soda Ash Industry: Profit Margins at Various Levels of the Supply Chain
- Figure 10: Global: Soda Ash Industry: Porter's Five Forces Analysis
- Figure 11: Global: Soda Ash Market: Breakup by Region (in %), 2023
- Figure 12: China: Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 13: China: Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 14: Asia Pacific (Excluding China): Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 15: Asia Pacific (Excluding China): Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 16: Europe: Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 17: Europe: Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 18: North America: Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 19: North America: Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 20: Latin America: Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 21: Latin America: Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 22: Middle East and Africa: Soda Ash Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 23: Middle East and Africa: Soda Ash Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 24: Global: Soda Ash Market: Breakup by Application (in %), 2023
- Figure 25: Global: Soda Ash Market: Glass (in Million US\$), 2018 & 2023
- Figure 26: Global: Soda Ash Market Forecast: Glass (in Million US\$), 2024-2032
- Figure 27: Global: Soda Ash Market: Soaps and Detergents (in Million US\$), 2018 &

2023

Figure 28: Global: Soda Ash Market Forecast: Soaps and Detergents (in Million US\$), 2024-2032

Figure 29: Global: Soda Ash Market: Chemicals (in Million US\$), 2018 & 2023

Figure 30: Global: Soda Ash Market Forecast: Chemicals (in Million US\$), 2024-2032

Figure 31: Global: Soda Ash Market: Metallurgy (in Million US\$), 2018 & 2023

Figure 32: Global: Soda Ash Market Forecast: Metallurgy (in Million US\$), 2024-2032

Figure 33: Global: Soda Ash Market: Pulp and Paper (in Million US\$), 2018 & 2023

Figure 34: Global: Soda Ash Market Forecast: Pulp and Paper (in Million US\$), 2024-2032

Figure 35: Global: Soda Ash Market: Other Applications (in Million US\$), 2018 & 2023

Figure 36: Global: Soda Ash Market Forecast: Other Applications (in Million US\$), 2024-2032

Figure 37: Global: Soda Ash Market: Market Share of Key Players (in %)

Figure 38: Soda Ash Manufacturing Plant: Detailed Process Flow

Figure 39: Soda Ash Manufacturing Process: Conversion Rate of Salt, Limestone and Coke

Figure 40: Global: Ammonia Market: Production Volume Trends (in Million Tons), 2018-2023

Figure 41: Global: Ammonia Market: Value Trends (in Billion US\$), 2018-2023

Figure 42: Global: Ammonia Market: Price Trends (in US\$/Ton), 2018-2023

Figure 43: Global: Ammonia Market: Breakup by Region (in %), 2023

Figure 44: Global: Ammonia Market: Breakup by Application (in %), 2023

Figure 45: Global: Limestone Market: Production Volume Trends (in Million Tons), 2018-2023

Figure 46: Global: Limestone Market: Value Trends (in Billion US\$), 2018-2023

Figure 47: Global: Limestone Market: Price Trends (in US\$ Per Million Btu), 2018-2023

Figure 48: Global: Limestone Market: Breakup by Region (in %), 2023

Figure 49: Global: Limestone Market: Breakup by Application (in %), 2023

Figure 50: Global: Sodium Chloride Market: Production Volume Trends (in Million Tons), 2018-2023

Figure 51: Global: Sodium Chloride Market: Value Trends (in Billion US\$), 2018-2023

Figure 52: Global: Sodium Chloride Market: Price Trends (in US\$ Per Million Btu), 2018-2023

Figure 53: Global: Sodium Chloride Market: Breakup by Region (in %), 2023

Figure 54: Global: Sodium Chloride Market: Breakup by Application (in %), 2023

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