

Boric Acid Market Report by Purity (

Abstracts

The global boric acid market size reached US\$ 893.2 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,379.7 Million by 2032, exhibiting a growth rate (CAGR) of 4.8% during 2024-2032. The expanding product applications across various industries, growing demand in agriculture and construction sectors, increasing use in high-tech applications, and the bolstering pharmaceutical and healthcare sectors are some of the major factors propelling the market.

Boric acid is a chemical compound composed of boron, oxygen, and hydrogen, with the chemical formula H_3BO_3 . It exists as a white, odorless, crystalline powder. This versatile substance finds applications in various industries, including pharmaceuticals, agriculture, and cosmetics, as an antiseptic, astringent, pesticide, and fertilizer. Besides this, boric acid is utilized in manufacturing glass, ceramics, and enamel due to its ability to act as a flux. Its mild antiseptic properties also make it popular in skin care products and eye drops.

The increasing demand for boric acid in various end-use industries such as agriculture, ceramics, glass, and pharmaceuticals, is primarily fueling its market growth. In addition to this, the bolstering growth of the agricultural sector, especially in developing regions, is fueling the need for boric acid-based fertilizers and pesticides to enhance crop yield. Furthermore, the rising demand for boric acid in the production of fiberglass and insulation materials for construction purposes is contributing to market expansion. Concurrent with this, the growing awareness about the benefits of boric acid in skin care products and eye drops is boosting its employment in the cosmetics and healthcare industries, thereby strengthening the market growth. Moreover, various other factors, such as rapid industrialization, urbanization, and infrastructure development in emerging economies, are presenting lucrative opportunities for market expansion.

Boric Acid Market Trends/Drivers:

Diverse applications in various industries

Boric acid's versatility and wide range of applications across diverse industries are major factors fueling its market growth. Moreover, the surging product adoption across the thriving agriculture sector as an essential micronutrient for crops to promote healthy plant growth and increase yield is propelling the market forward. Concurrent with this, boric acid acts as a flux in the ceramics and glass industries, reducing the melting point of materials and enhancing the manufacturing process of glass and ceramics products.

This application is particularly crucial in the production of electronic components, display panels, and glass fibers for insulation purposes. Furthermore, boric acid finds application in pharmaceuticals as an antiseptic and astringent, contributing to its usage in the healthcare sector.

Growing agricultural sector in emerging economies

The expanding agricultural sector, especially in emerging economies, is acting as a significant growth-inducing driver for the global boric acid market. As the global population continues to grow, the demand for agricultural products rises, thereby increasing the need for boric acid-based fertilizers and pesticides. Developing regions are witnessing rapid industrialization and urbanization, leading to an increase in agricultural activities to meet the rising demand for food. Boric acid's importance as an agricultural input, such as boron-based fertilizers and pesticides, has gained traction due to its role in improving soil fertility and plant health. As emerging economies continue to modernize and invest in agriculture, the demand for boric acid is expected to grow steadily.

Rising demand from construction and infrastructure development

The construction industry's growth and the expanding infrastructure development across the globe are some of the key factors impelling the market growth. Boric acid is utilized in the manufacturing of fiberglass and insulation materials, which are integral components in construction projects. These materials provide excellent thermal and acoustic insulation properties, making them essential in buildings, automotive, and aerospace sectors. As a result, with rapid urbanization and a surge in global construction activities, the demand for boric acid in these applications is expected to witness substantial growth, creating a positive outlook for market expansion.

Boric Acid Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global boric acid market, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on purity, application, distribution channel, and end user.

Breakup by Purity:

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 Key Industry Trends

5 GLOBAL BORIC ACID MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PURITY

- 6.1

List Of Tables

LIST OF TABLES

Table 1: Global: Boric Acid Market: Key Industry Highlights, 2023 & 2032

Table 2: Global: Boric Acid Market Forecast: Breakup by Purity (in Million US\$), 2024-2032

Table 3: Global: Boric Acid Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Boric Acid Market Forecast: Breakup by Distribution Channel (in Million US\$), 2024-2032

Table 5: Global: Boric Acid Market Forecast: Breakup by End User (in Million US\$), 2024-2032

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

Table 7: Global: Boric Acid Market: Competitive Structure

Table 8: Global: Boric Acid Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Boric Acid Market: Major Drivers and Challenges

Figure 2: Global: Boric Acid Market: Sales Value (in Million US\$), 2018-2023

Figure 3: Global: Boric Acid Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 4: Global: Boric Acid Market: Breakup by Purity (in %), 2023

Figure 5: Global: Boric Acid Market: Breakup by Application (in %), 2023

Figure 6: Global: Boric Acid Market: Breakup by Distribution Channel (in %), 2023

Figure 7: Global: Boric Acid Market: Breakup by End User (in %), 2023

Figure 8: Global: Boric Acid Market: Breakup by Region (in %), 2023

Figure 9: Global: Boric Acid (

I would like to order

Product name: Boric Acid Market Report by Purity (<99%, ?99%), Application (Flame Retardants, Ceramics & Fiberglass, Wood Preservatives, Nutritional Supplements, Pest Control, and Others), Distribution Channel (Wholesale, E-Commerce, Retail Stores, Supermarkets and Hypermarkets, Independent Stores, and Others), End User (Pharmaceuticals, Agricultural, Chemical Processing, Building & Construction, Nuclear, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/BA7619D969C5EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BA7619D969C5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970