

Bromine Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Derivative (Hydrogen Bromide, Organobromine Compounds, Bromine Fluids, Others), By End User (Chemicals, Oil & Gas, Pharmaceuticals, Agriculture, Textiles, Electronics, Others), By Region and Competition, 2019-2029F

Market Report | 2024-11-08 | 185 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4900.00
- Multi-User License \$5900.00
- Custom Research License \$8900.00

Report description:

Global Bromine Market was valued at USD 2.36 Billion in 2023 and is expected to reach USD 2.99 Billion by 2029 with a CAGR of 4.21% during the forecast period. The global bromine market is a significant segment of the chemical industry, characterized by its diverse applications across various sectors, including pharmaceuticals, agriculture, flame retardants, and water treatment. Bromine, a halogen element, has gained prominence due to its unique properties, making it an essential ingredient in many industrial processes.

One of the primary drivers of the bromine market is the increasing demand for flame retardants. Brominated flame retardants (BFRs) are extensively used in electronics, textiles, construction materials, and automotive applications to reduce the risk of fire. With stringent fire safety regulations and the growing awareness of fire hazards, the demand for bromine in flame retardants is expected to remain strong, especially in regions such as North America and Europe.

The bromine market faces significant challenges due to stringent environmental regulations governing the use of certain brominated compounds, particularly methyl bromide. Concerns about ozone depletion and toxic effects have led to restrictions and a push for alternative substances, impacting demand.

The bromine market is also affected by fluctuations in the prices of raw materials used in its production. Variability in the supply and pricing of brine sources can influence production costs, affecting market dynamics and profitability for manufacturers.

Key Market Drivers

Growing Demand of Bromine in Pharmaceutical Industry

Bromine is a vital component in numerous pharmaceutical formulations, particularly in the production of active pharmaceutical ingredients (APIs). Its unique chemical properties allow it to participate in various reactions, leading to the synthesis of complex

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

organic molecules. One of the most notable applications of bromine in the pharmaceutical sector is in the production of sedative medications, such as bromides, which have been used for decades to treat anxiety and sleep disorders.

Furthermore, bromine compounds are employed as antiseptics and disinfectants, enhancing the effectiveness of topical medications. The rising prevalence of infectious diseases and the increasing focus on healthcare have led to a surge in demand for antiseptic products, further driving the need for bromine in pharmaceutical formulations.

The growing focus on research and development (R&D) within the pharmaceutical industry is another significant factor contributing to the rising demand for bromine. As pharmaceutical companies strive to innovate and develop new drugs, bromine's role in the synthesis of novel compounds becomes increasingly important. The compound's ability to enhance the efficacy and safety of new medications has made it a preferred choice among researchers and manufacturers.

Moreover, the shift towards personalized medicine, which tailors treatments to individual patient needs, is fueling the demand for bromine-based compounds. As more pharmaceutical companies explore the potential of brominated compounds for treating specific health conditions, the need for bromine is expected to grow, solidifying its position in the pharmaceutical market.

The expansion of the global pharmaceutical market is a critical driver of bromine demand. As the global population continues to grow, the demand for healthcare products and services is increasing. The rise of chronic diseases, coupled with an aging population, has led to higher consumption of pharmaceutical products. This trend is particularly evident in emerging markets, where access to healthcare is improving, leading to increased pharmaceutical consumption.

Bromine's contribution to the development of effective medications aligns with the growing healthcare needs in these regions. As pharmaceutical companies seek to meet the rising demand for high-quality medications, the utilization of bromine in their formulations is set to increase.

Growing Demand of Bromine in Agriculture Industry

One of the primary drivers of bromine demand in agriculture is its effectiveness as a pesticide and fungicide. Bromine-based compounds, such as methyl bromide, are widely used to control pests and diseases that threaten crop yields. Methyl bromide is particularly effective in soil fumigation, where it helps eliminate nematodes, fungi, and weeds before planting. Despite regulatory challenges regarding its environmental impact, the agricultural sector continues to rely on bromine due to its efficacy in ensuring healthy crop growth and high yields.

The Methyl Bromide Transition Program (MBT) addresses the immediate requirements and financial implications associated with the phase-out of the pesticide methyl bromide. For decades, methyl bromide has been a vital component in pest management systems, particularly for controlling soilborne and postharvest pests. This program emphasizes integrated, commercial-scale research into alternatives to methyl bromide, along with related outreach activities designed to promote the adoption of these new solutions. The projects encompass a wide array of innovative methodologies, technologies, systems, and strategies aimed at managing economically significant pests for which methyl bromide has traditionally been the sole effective control option. Additionally, the research initiatives focus on commodities facing critical challenges and include a thorough economic analysis of the costs involved in implementing the transition on a commercial scale.

As the global population continues to grow, the demand for food is increasing exponentially. This rising food demand compels agricultural producers to adopt more effective pest control measures to maximize crop yields. Bromine's effectiveness in protecting crops from various pests and diseases makes it a vital component in the strategies employed by farmers to enhance agricultural productivity. The expansion of agricultural land and the intensification of farming practices further boost the demand for bromine-based solutions.

The agriculture industry is undergoing a significant shift towards sustainable practices, and bromine plays a crucial role in this transition. Farmers are increasingly seeking eco-friendly and effective solutions to manage pests while minimizing the impact on the environment. Bromine-based products, particularly those derived from renewable sources, align with the growing emphasis on sustainability in agriculture. This trend is driving demand for bromine as producers look for safer alternatives to traditional chemical pesticides.

Innovations in bromine technology are also contributing to its growing demand in agriculture. New formulations and delivery methods for bromine-based products are being developed to enhance their effectiveness while reducing environmental impact. For example, advancements in slow-release formulations allow for targeted pest control, minimizing runoff and maximizing efficacy. As agricultural practices become more sophisticated, the role of bromine in providing efficient and effective crop

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

protection solutions is likely to expand.

While the use of bromine in agriculture has faced regulatory scrutiny due to environmental concerns, the industry is adapting to these challenges. Regulatory bodies are increasingly focusing on safe and responsible use of bromine-based products, prompting manufacturers to invest in research and development for safer alternatives. This adaptability positions bromine as a resilient solution in the agricultural sector, ensuring that it continues to meet the needs of farmers while complying with regulatory standards.

Key Market Challenges

Volatility in Price of Feedstock

The global bromine market, a crucial segment of the chemical industry, has been experiencing significant challenges, one of the most pressing being the volatility in the price of feedstock. Bromine is primarily extracted from natural brine sources, and fluctuations in the cost of these feedstocks can have profound implications for production, pricing, and overall market dynamics. Geopolitical instability in regions rich in bromine resources can lead to supply disruptions and price fluctuations. For instance, conflicts, trade disputes, or changes in government policies can impact production and transportation, creating uncertainties in the market. As a result, manufacturers may face challenges in securing a stable supply of feedstock, leading to increased costs. Global economic conditions, such as inflation rates, currency fluctuations, and changes in demand from key industries, can significantly affect feedstock prices. Economic downturns may lead to reduced production levels and, consequently, lower demand for bromine, causing prices to fluctuate. Conversely, during periods of economic growth, demand for bromine may surge, putting upward pressure on feedstock prices.

Stricter environmental regulations concerning the extraction and processing of bromine can lead to increased operational costs for producers. Compliance with these regulations often requires investment in advanced technologies and sustainable practices, which can further influence the price of feedstock. Additionally, any penalties or restrictions imposed on bromine production due to environmental concerns may disrupt supply chains, exacerbating price volatility.

Speculative activities in commodity markets can contribute to price fluctuations. Traders and investors may react to perceived changes in supply and demand dynamics, leading to increased volatility in feedstock prices. This speculation can create a ripple effect throughout the bromine supply chain, influencing production costs and market stability.

Key Market Trends

Surge in Technological Advancements

One of the most notable trends in the bromine market is the development of more efficient production processes. Traditional methods of bromine extraction, primarily from natural brine sources, often involve energy-intensive and environmentally taxing procedures. However, advancements in extraction technologies, such as advanced membrane separation techniques and innovative thermal processes, are paving the way for more sustainable and cost-effective production.

These modern extraction methods not only improve bromine yield but also reduce the environmental footprint associated with production. For instance, using greener solvents and processes minimizes waste generation and energy consumption, aligning production practices with global sustainability goals. As companies adopt these advanced methods, they can enhance their operational efficiency while responding to increasing regulatory pressures regarding environmental impact.

The surge in technological advancements extends beyond production techniques; it also encompasses the development of new applications for bromine across various industries. Ongoing research and development efforts are uncovering novel uses for bromine in pharmaceuticals, agrochemicals, and flame retardants. Innovations in chemical formulations are allowing for the creation of bromine-based products with enhanced performance characteristics.

In a notable breakthrough for energy storage technology, researchers at the Gwangju Institute of Science and Technology (GIST) in Korea have developed an innovative electrode that significantly enhances the performance and longevity of flowless zinc-bromine batteries (FLZBBs). This advancement has the potential to transform the energy storage landscape, achieving an impressive 10,000 charge cycles with a Coulombic efficiency of 96%. FLZBBs present a compelling alternative to lithium-ion batteries, owing to their non-flammable characteristics, cost-effectiveness, and simplified design. When integrated with the NMC/GF electrode, FLZBBs demonstrate exceptional performance, achieving a Coulombic efficiency of 96% and an energy efficiency of 76% at a specified current density. They also exhibit a high areal capacity of 2 mAh cm⁻² and remarkable durability, enduring over 10,000 charge and discharge cycles. This long-term stability underscores the robustness of the new electrode

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

design.

Segmental Insights

Derivative Insights

Based on Derivative, Organobromine Compounds have emerged as the fastest growing segment in the Global Bromine Market in 2023. Organobromine compounds play a crucial role in the pharmaceutical industry, where they are utilized in the synthesis of various drugs. Their unique chemical properties allow them to act as intermediates in the production of analgesics, anti-inflammatory agents, and anesthetics. The growing global demand for pharmaceuticals, driven by factors such as an aging population and the rise in chronic diseases, is propelling the need for organobromine compounds. As pharmaceutical companies seek to innovate and develop new treatments, the demand for these compounds is expected to continue growing.

One of the primary applications of organobromine compounds is in the formulation of flame retardants, particularly brominated flame retardants (BFRs). These compounds are extensively used in a variety of materials, including electronics, textiles, and construction products, to enhance fire safety. With increasing awareness of fire hazards and stringent regulations regarding fire safety standards, the demand for effective flame retardants is on the rise. As a result, organobromine compounds are experiencing growth in applications where safety and compliance are paramount.

Organobromine compounds are also used in the production of agricultural chemicals, including pesticides and soil fumigants. These compounds are effective in controlling pests and enhancing crop yield, which is vital in meeting the food demands of a growing global population. The rise in agricultural practices and the need for effective pest control solutions are contributing to the increasing adoption of organobromine compounds in the agricultural sector.

End User Insights

Based on End User, Chemicals have emerged as the fastest growing segment in the Global Bromine Market during the forecast period. Brominated flame retardants are widely used in plastics, textiles, and electronic products to reduce flammability. As regulatory standards for fire safety tighten and consumers demand safer products, the demand for brominated flame retardants is expected to grow. Bromine compounds are used in the production of pesticides and herbicides. With the increasing global need for food production and pest control, the agrochemical industry is leveraging bromine to enhance crop protection, leading to higher demand.

The increasing trend toward specialty chemicals, which are produced for specific applications, is contributing to the bromine market's growth. Specialty chemicals derived from bromine offer tailored properties that enhance product performance in various applications. As industries focus on developing high-performance materials, the demand for brominated compounds is expected to rise, further propelling the chemicals sector.

Innovations in chemical production processes are enhancing the efficiency and effectiveness of bromine-based applications. New methods for synthesizing brominated compounds are being developed, allowing for more sustainable production practices and improved product formulations. These advancements make bromine more accessible to chemical manufacturers, stimulating growth in the sector.

Regional Insights

Based on Region, Asia Pacific have emerged as the dominating region in the Global Bromine Market in 2023. Asia Pacific is characterized by rapid industrialization and economic expansion, which has led to increased demand for bromine across multiple sectors. The region's robust manufacturing capabilities and rising production levels in industries such as chemicals, plastics, and electronics have significantly boosted bromine consumption. As emerging economies continue to develop, the demand for bromine-based products is expected to grow, further consolidating the region's market position.

The agricultural industry in Asia Pacific is a significant driver of bromine demand. As food production intensifies to meet the needs of a growing population, there is an increasing reliance on effective crop protection methods. Bromine is widely used in pesticides and soil fumigation, making it essential for enhancing agricultural productivity. Countries like China and India, which have large agricultural sectors, are experiencing heightened demand for bromine-based products, contributing to the region's market dominance.

Asia Pacific is at the forefront of technological advancements in bromine production and application. The region is home to numerous research and development facilities that focus on improving bromine extraction and processing methods. Innovations in bromine applications, such as more efficient and environmentally friendly formulations, are driving the growth of the market. This

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

emphasis on R&D not only enhances product quality but also aligns with global sustainability trends, making Asia Pacific an attractive hub for bromine-related innovations.

Key Market Players

- Albemarle Corporation
- Gulf Resources, Inc.
- Hindustan Salts Limited
- Honeywell International Inc
- Israel Chemicals Ltd.
- Jordan Bromine Company
- LANXESS AG
- Solaris Chemtech Industries Limited
- Tata Chemicals Ltd.
- Archean Chemical Industries Limited

Report Scope

In this report, the Global Bromine Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

□□ Bromine Market, By Derivative:

- o Hydrogen Bromide
- o Organobromine Compounds
- o Bromine Fluids
- o Others

□□ Bromine Market, By End User:

- o Chemicals
- o Oil & Gas
- o Pharmaceuticals
- o Agriculture
- o Textiles
- o Electronics
- o Others

□□ Bromine Market, By Region:

- o North America
 - United States
 - Canada
 - Mexico
- o Europe
 - France
 - United Kingdom
 - Italy
 - Germany
 - Spain
- o Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea
- o South America

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Brazil
- Argentina
- Colombia
- o Middle East & Africa
- South Africa
- Saudi Arabia
- UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Bromine Market.

Available Customizations:

Global Bromine Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

□□ Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries
 - 3.5. Overview of Market Drivers, Challenges, and Trends
4. Impact of COVID-19 on Global Bromine Market
5. Global Bromine Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
 - 5.2. Market Share & Forecast
 - 5.2.1. By Derivative (Hydrogen Bromide, Organobromine Compounds, Bromine Fluids, Others)
 - 5.2.2. By End User (Chemicals, Oil & Gas, Pharmaceuticals, Agriculture, Textiles, Electronics, Others)
 - 5.2.3. By Region
 - 5.2.4. By Company (2023)
 - 5.3. Market Map
6. North America Bromine Market Outlook

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
- 6.2. Market Share & Forecast
 - 6.2.1. By Derivative
 - 6.2.2. By End User
 - 6.2.3. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Bromine Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value & Volume
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Derivative
 - 6.3.1.2.2. By End User
 - 6.3.2. Mexico Bromine Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value & Volume
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Derivative
 - 6.3.2.2.2. By End User
 - 6.3.3. Canada Bromine Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value & Volume
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Derivative
 - 6.3.3.2.2. By End User
- 7. Europe Bromine Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume
 - 7.2. Market Share & Forecast
 - 7.2.1. By Derivative
 - 7.2.2. By End User
 - 7.2.3. By Country
 - 7.3. Europe: Country Analysis
 - 7.3.1. France Bromine Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value & Volume
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Derivative
 - 7.3.1.2.2. By End User
 - 7.3.2. Germany Bromine Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value & Volume
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Derivative
 - 7.3.2.2.2. By End User
 - 7.3.3. United Kingdom Bromine Market Outlook
 - 7.3.3.1. Market Size & Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.3.3.1.1. By Value & Volume
- 7.3.3.2. Market Share & Forecast
- 7.3.3.2.1. By Derivative
- 7.3.3.2.2. By End User
- 7.3.4. Italy Bromine Market Outlook
- 7.3.4.1. Market Size & Forecast
- 7.3.4.1.1. By Value & Volume
- 7.3.4.2. Market Share & Forecast
- 7.3.4.2.1. By Derivative
- 7.3.4.2.2. By End User
- 7.3.5. Spain Bromine Market Outlook
- 7.3.5.1. Market Size & Forecast
- 7.3.5.1.1. By Value & Volume
- 7.3.5.2. Market Share & Forecast
- 7.3.5.2.1. By Derivative
- 7.3.5.2.2. By End User
- 8. Asia Pacific Bromine Market Outlook
- 8.1. Market Size & Forecast
- 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
- 8.2.1. By Derivative
- 8.2.2. By End User
- 8.2.3. By Country
- 8.3. Asia Pacific: Country Analysis
- 8.3.1. China Bromine Market Outlook
- 8.3.1.1. Market Size & Forecast
- 8.3.1.1.1. By Value & Volume
- 8.3.1.2. Market Share & Forecast
- 8.3.1.2.1. By Derivative
- 8.3.1.2.2. By End User
- 8.3.2. India Bromine Market Outlook
- 8.3.2.1. Market Size & Forecast
- 8.3.2.1.1. By Value & Volume
- 8.3.2.2. Market Share & Forecast
- 8.3.2.2.1. By Derivative
- 8.3.2.2.2. By End User
- 8.3.3. South Korea Bromine Market Outlook
- 8.3.3.1. Market Size & Forecast
- 8.3.3.1.1. By Value & Volume
- 8.3.3.2. Market Share & Forecast
- 8.3.3.2.1. By Derivative
- 8.3.3.2.2. By End User
- 8.3.4. Japan Bromine Market Outlook
- 8.3.4.1. Market Size & Forecast
- 8.3.4.1.1. By Value & Volume
- 8.3.4.2. Market Share & Forecast
- 8.3.4.2.1. By Derivative

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3.4.2.2. By End User
- 8.3.5. Australia Bromine Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value & Volume
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Derivative
 - 8.3.5.2.2. By End User
- 9. South America Bromine Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
 - 9.2. Market Share & Forecast
 - 9.2.1. By Derivative
 - 9.2.2. By End User
 - 9.2.3. By Country
 - 9.3. South America: Country Analysis
 - 9.3.1. Brazil Bromine Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value & Volume
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Derivative
 - 9.3.1.2.2. By End User
 - 9.3.2. Argentina Bromine Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value & Volume
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Derivative
 - 9.3.2.2.2. By End User
 - 9.3.3. Colombia Bromine Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value & Volume
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Derivative
 - 9.3.3.2.2. By End User
- 10. Middle East and Africa Bromine Market Outlook
 - 10.1. Market Size & Forecast
 - 10.1.1. By Value & Volume
 - 10.2. Market Share & Forecast
 - 10.2.1. By Derivative
 - 10.2.2. By End User
 - 10.2.3. By Country
 - 10.3. MEA: Country Analysis
 - 10.3.1. South Africa Bromine Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value & Volume
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Derivative
 - 10.3.1.2.2. By End User

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3.2. Saudi Arabia Bromine Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value & Volume
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Derivative
 - 10.3.2.2.2. By End User
- 10.3.3. UAE Bromine Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value & Volume
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Derivative
 - 10.3.3.2.2. By End User
- 11. Market Dynamics
 - 11.1. Drivers
 - 11.2. Challenges
- 12. Market Trends & Developments
 - 12.1. Merger & Acquisition (If Any)
 - 12.2. Product Launches (If Any)
 - 12.3. Recent Developments
- 13. Global Bromine Market: SWOT Analysis
- 14. Porters Five Forces Analysis
 - 14.1. Competition in the Industry
 - 14.2. Potential of New Entrants
 - 14.3. Power of Suppliers
 - 14.4. Power of Customers
 - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
 - 15.1. Albemarle Corporation
 - 15.1.1. Business Overview
 - 15.1.2. Company Snapshot
 - 15.1.3. Products & Services
 - 15.1.4. Financials (As Reported)
 - 15.1.5. Recent Developments
 - 15.1.6. Key Personnel Details
 - 15.1.7. SWOT Analysis
 - 15.2. Gulf Resources, Inc.
 - 15.3. Hindustan Salts Limited
 - 15.4. Honeywell International Inc
 - 15.5. Israel Chemicals Ltd.
 - 15.6. Jordan Bromine Company
 - 15.7. LANXESS AG
 - 15.8. Solaris Chemtech Industries Limited
 - 15.9. Tata Chemicals Ltd.
 - 15.10. Archeon Chemical Industries Limited
- 16. Strategic Recommendations
- 17. About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Bromine Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Derivative (Hydrogen Bromide, Organobromine Compounds, Bromine Fluids, Others), By End User (Chemicals, Oil & Gas, Pharmaceuticals, Agriculture, Textiles, Electronics, Others), By Region and Competition, 2019-2029F

Market Report | 2024-11-08 | 185 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4900.00
	Multi-User License	\$5900.00
	Custom Research License	\$8900.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-04

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com