

India Pentaerythritol Market By Product Type (Mono Pentaerythritol, Di-Pentaerythritol, Tri-Pentaerythritol), By Application (Paints & Coatings, Lubricants, Plasticizer, Explosives, Agriculture, Others), By Region, Competition, Forecast and Opportunities, 2020-2030F

Market Report | 2024-12-31 | 85 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Multi-User License \$4500.00
- Custom Research License \$7000.00

Report description:

India Pentaerythritol Market achieved a total market volume of 15.01 thousand Metric Tonnes in 2024 and is poised for strong growth in the forecast period to reach 18.31 thousand metric tonnes, with a projected Compound Annual Growth Rate (CAGR) of 3.40% through 2030.

Pentaerythritol, a versatile polyalcohol with four hydroxyl groups, is a vital chemical compound that finds applications across various industries, including paint and coatings, plastics, adhesives, and pharmaceuticals. In India, the pentaerythritol market has experienced significant growth over the years, driven by the expanding industrial base. This article provides an extensive market overview of the pentaerythritol industry in India, encompassing demand dynamics, supply landscape, regulatory aspects, competitive forces, challenges, and opportunities.

The Indian pentaerythritol market has thrived due to its versatility and wide-ranging applications. Pentaerythritol is a crucial ingredient in the formulation of paints, varnishes, and coatings. With India experiencing a boom in construction and infrastructure development, there is a rising demand for high-quality paints and coatings, contributing significantly to the need for pentaerythritol. Pentaerythritol is employed as a monomer in the production of alkyd resins, which are essential for making various plastic products. The growing plastics industry in India, driven by packaging, automotive, and consumer goods sectors, fuels the demand for pentaerythritol. In India, the demand for lubricants is growing, particularly from the automotive and industrial sectors. As a result, several manufacturers are scaling up lubricant production within the country. For example, in March 2023, ExxonMobil revealed plans to invest approximately USD 110 million in building a lubricant manufacturing facility at the Isambe Industrial Area in Raigad, part of the Maharashtra Industrial Development Corporation. Consequently, the expansion in lubricant production is expected to boost the demand for pentaerythritol in India.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

The adhesives industry relies on pentaerythritol to produce high-performance adhesives and sealants. As India's manufacturing sector expands, the requirement for effective bonding agents and sealants grows, spurring the demand for pentaerythritol. Pentaerythritol serves as an important intermediate in the synthesis of certain pharmaceutical compounds. The flourishing pharmaceutical industry in India, addressing domestic healthcare needs and contributing significantly to exports, has led to a surge in pentaerythritol consumption.

The Indian pentaerythritol market is a combination of domestic production and imports. Domestic manufacturers like Kanoria Chemicals and Industries Ltd. and India Glycols Ltd. have substantially increased their production capacities to cater to the growing demand. Despite the strong domestic production, India still imports pentaerythritol to meet specific requirements or mitigate temporary supply shortages. These imports often come from countries like China, South Korea, and Japan. The production and use of pentaerythritol in India are subject to regulatory guidelines set by the Bureau of Indian Standards (BIS) and other relevant authorities. These regulations ensure that the quality, safety, and environmental standards for pentaerythritol are met. Given its chemical nature, pentaerythritol production and disposal can have environmental implications. Manufacturers are encouraged to adopt sustainable practices to minimize these concerns and comply with environmental regulations.

Key Market Drivers

Growing Demand from Paints and Coatings Industry

The Indian pentaerythritol market is currently experiencing a remarkable surge in demand, primarily driven by the growing needs of the paints and coatings industry. This surge can be attributed to the versatile properties and unique characteristics of pentaerythritol, which have positioned it as a vital component in the formulation of paints, varnishes, and coatings. As India's construction, automotive, and industrial sectors continue to expand, the use of pentaerythritol in the manufacturing of paints and coatings has become essential for meeting the rising demands of these industries.

Pentaerythritol, a versatile polyhydric alcohol, serves as a key ingredient in the synthesis of various resins and binders used in the formulation of paints, varnishes, and coatings. It plays a pivotal role in improving the durability, adhesion, and performance of these products. The versatility of pentaerythritol in the paints and coatings industry significantly contributes to the sector's ability to address complex challenges related to aesthetics and protection.

One of the primary applications of pentaerythritol in the paints and coatings sector is in the production of alkyd resins. Alkyd resins are essential binders used in oil-based paints and coatings. They provide excellent adhesion to various surfaces, durability, and gloss retention. Pentaerythritol-based alkyd resins are vital for formulating high-quality oil-based paints that find applications in architectural, automotive, and industrial coatings. Pentaerythritol also plays a critical role in the production of epoxy ester resins. These resins are used in various coatings, including powder coatings, where they offer excellent chemical resistance, corrosion protection, and adhesion properties. Pentaerythritol-based epoxy ester resins contribute to the formulation of coatings that are suitable for protecting metal surfaces and other substrates.

Pentaerythritol is employed in the synthesis of urethane resins. Urethane resins are used in the production of water-based coatings, providing good adhesion, flexibility, and resistance to abrasion. Pentaerythritol-based urethane resins are integral to formulating environmentally friendly coatings that find applications in architectural and industrial settings. Pentaerythritol-based polyols are essential components in the production of polyester resins used in various coatings. Polyester resins provide excellent weather resistance, color retention, and durability in outdoor applications. Pentaerythritol's versatility in enhancing the performance of polyester resins is crucial for formulating coatings used in architectural and industrial settings.

The demand for pentaerythritol in the paint and coatings industry extends to the production of powder coatings.

Pentaerythritol-based polyols are used to improve the flow, leveling, and overall performance of powder coatings. Powder coatings offer several advantages, including reduced environmental impact, durability, and the absence of volatile organic compounds (VOCs), making them a preferred choice for various applications. The growing demand for pentaerythritol in the formulation of paints, varnishes, and coatings has prompted manufacturers to invest in expanding production capacities and refining production processes. Ensuring a reliable and consistent supply of high-quality pentaerythritol is essential for the paints and coatings industry, where product quality, performance, and sustainability is paramount.

Rising Demand from the Adhesives and Sealant Industry

The Indian pentaerythritol market is currently witnessing a significant increase in demand, primarily propelled by the surging requirements of the adhesives and sealants industry. This demand surge is largely attributed to the unique and versatile

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

properties of pentaerythritol, which have positioned it as a critical component in the production of high-performance adhesives and sealants. As India's construction, automotive, and industrial sectors continue to expand, the use of pentaerythritol in manufacturing adhesives and sealants has become indispensable for meeting the growing demands of these industries. Pentaerythritol, a polyhydric alcohol known for its versatility, serves as a fundamental ingredient in the synthesis of various adhesive and sealant formulations. It plays a pivotal role in enhancing the adhesive properties, cohesion, and durability of these products. The versatility of pentaerythritol in the adhesives and sealants industry significantly contributes to the sector's ability to address complex challenges related to bonding and sealing applications. In the adhesives industry, pentaerythritol-based polyols are crucial for the production of high-performance structural adhesives. These adhesives offer exceptional strength, durability, and resistance to environmental stressors, making them essential for applications in construction, automotive manufacturing, and aerospace. Pentaerythritol-based structural adhesives are pivotal for achieving strong and reliable bonds in demanding settings. Pentaerythritol-based epoxy resins are vital components of various adhesives, including epoxy adhesives. Epoxy adhesives are renowned for their excellent bonding strength, resistance to chemicals, and durability. Pentaerythritol's role in enhancing the performance of epoxy resins is crucial for formulating adhesive solutions that are suitable for joining diverse materials in construction, manufacturing, and other applications.

In the sealants industry, pentaerythritol is used to produce high-performance sealants, such as polyurethane sealants. These sealants offer superior adhesion, flexibility, and resistance to environmental factors, making them ideal for sealing joints and gaps in construction and automotive applications. Pentaerythritol-based polyols play an essential role in creating polyurethane sealants that provide reliable and long-lasting seals. Pentaerythritol's involvement in the production of reactive hot melt adhesives is significant for various applications, including woodworking and packaging. Reactive hot melt adhesives offer fast curing, strong bonding, and exceptional heat resistance. Pentaerythritol-based polyols enhance the performance and bonding characteristics of these adhesives, contributing to their wide range of applications. The growing demand for pentaerythritol in the adhesives and sealants industry has prompted manufacturers to invest in expanding production capacities and refining production processes. Ensuring a reliable and consistent supply of high-quality pentaerythritol is essential for adhesive and sealant companies, where product quality, performance, and adherence to industry standards are paramount. As industries aim to meet stringent quality standards and regulatory requirements, the choice of raw materials like pentaerythritol has become a critical consideration. Pentaerythritol's compliance with global quality and safety standards, as well as its role in producing environmentally friendly adhesive and sealant solutions, has made it an attractive option for manufacturers in these industries. The commitment to producing high-quality and sustainable adhesives and sealants aligns with the use of pentaerythritol as a key component in the formulation of these products.

Growing Demand from Plastic Industry

The Indian pentaerythritol market is currently experiencing a substantial surge in demand, primarily driven by the growing needs of the plastic industry. This surge can be attributed to the versatile properties and unique characteristics of pentaerythritol, which have positioned it as a crucial component in the production of alkyd resins. As India's plastic manufacturing sector continues to expand, the use of pentaerythritol in the synthesis of alkyd resins has become essential for meeting the increasing demands of this industry.

Pentaerythritol, a versatile polyhydric alcohol, serves as a fundamental building block in the synthesis of alkyd resins. These resins play a pivotal role in the plastic industry, serving as binders and coatings for various plastic materials. The versatility of pentaerythritol in alkyd resin production significantly contributes to the plastic industry's ability to create durable and versatile plastic products.

One of the primary applications of pentaerythritol in the plastic industry is in the formulation of thermosetting alkyd resins. These resins are integral to the production of plastics that are durable and resistant to heat, chemicals, and environmental stressors. Pentaerythritol-based thermosetting alkyd resins are pivotal for achieving stable and long-lasting plastic materials used in construction, automotive components, and industrial applications.

Pentaerythritol-based alkyd resins are used in the creation of molding compounds. These compounds are essential for the manufacturing of plastic components used in various industries, such as consumer goods, automotive, and electronics.

Pentaerythritol's role in the synthesis of alkyd resins is crucial for formulating molding compounds that exhibit excellent moldability, dimensional stability, and resistance to impact. The demand for pentaerythritol in the plastic industry extends to the

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

production of coatings for plastic surfaces. Pentaerythritol-based alkyd resins are used to create coatings that offer adhesion, durability, and protection for plastic materials, ensuring they can withstand exposure to environmental elements and harsh conditions. The rising demand for pentaerythritol in the plastic industry has prompted manufacturers to invest in expanding production capacities and refining production processes. Ensuring a reliable and consistent supply of high-quality pentaerythritol is essential for plastic companies, which rely on a dependable source for their production needs.

As industries aim to meet stringent quality standards and regulatory requirements, the choice of chemical intermediates like pentaerythritol has become a critical consideration. Pentaerythritol's compliance with global quality and safety standards, as well as its compatibility with industry-specific requirements, has made it an attractive option for plastic manufacturers. The commitment to quality, durability, and environmental responsibility aligns with the use of pentaerythritol as a key component in the production of alkyd resins for plastics.

Key Market Challenges

High Production Cost

The growth of the India Pentaerythritol market is being substantially hindered by the high production costs associated with this versatile chemical compound. Pentaerythritol has a wide range of applications in industries like coatings, plastics, and explosives. The production of Pentaerythritol involves several intricate and energy-intensive processes, which contribute significantly to the overall cost structure. Factors such as the rising prices of raw materials, energy, and labor further exacerbate the cost challenges. These elevated production costs have made it difficult for Indian Pentaerythritol manufacturers to compete effectively in both domestic and international markets, where cost considerations play a pivotal role. As a result, the market faces the risk of reduced competitiveness and a slowdown in its growth potential.

To address this issue, industry stakeholders need to explore cost-effective production techniques, embrace energy-efficient technologies, and optimize their supply chains. Collaborations and partnerships to pool resources and achieve economies of scale can help in alleviating the impact of high production costs, ultimately fostering sustainable growth in the India Pentaerythritol market.

Competition from Imports

Competition from imports has emerged as a significant impediment to the growth of the India Pentaerythritol market. Pentaerythritol, a versatile chemical compound used in various industries, including coatings, plastics, and explosives, faces intense competition from cheaper imported alternatives. These imported products, often originating from countries with lower production costs and varying regulatory standards, enjoy a cost advantage, making them more attractive to Indian consumers. The influx of imported Pentaerythritol not only impacts the market share of domestic manufacturers but also puts pressure on their pricing and profitability. To stay competitive, local producers must invest in efficiency improvements, higher product quality, and innovative solutions. They should also collaborate with regulatory authorities to create a level playing field. Such efforts are crucial for ensuring the growth of the India Pentaerythritol market, making it more resilient in the face of stiff competition from imports.

Key Market Trends

Growing Awareness of Sustainable Pentaerythritol Production

The India Pentaerythritol market is experiencing a significant growth trend, primarily driven by the growing awareness of sustainable production practices within the chemical industry. Pentaerythritol, a versatile and widely used chemical compound, is essential in various applications, including paints, coatings, adhesives, and explosives. The shift towards sustainable and environmentally responsible production of pentaerythritol is reshaping the industry and contributing to its growth. One of the key drivers of this trend is the increasing focus on green and sustainable manufacturing practices. Manufacturers in India are embracing eco-friendly processes that reduce environmental impact, waste generation, and energy consumption during the production of pentaerythritol. These sustainable practices align with global environmental regulations and the nation's commitment to reducing its carbon footprint, which is crucial for a cleaner and more responsible chemical industry. The demand for sustainable products is on the rise across various industries, including paints and coatings. Pentaerythritol is a key component in the formulation of environmentally friendly coatings that have low volatile organic compounds (VOCs). The awareness of the harmful effects of high VOC emissions on human health and the environment has prompted the adoption of sustainable pentaerythritol-based alternatives in the paints and coatings sector. Sustainable pentaerythritol production is crucial for

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

addressing the needs of the construction and automotive industries. These sectors require durable and eco-friendly materials, including adhesives and sealants, which are formulated using sustainable pentaerythritol to meet the growing demand for green and high-performance solutions.

Thus, the growing awareness of sustainable pentaerythritol production is a key trend driving the growth of the India Pentaerythritol market. This trend not only addresses environmental concerns but also ensures the industry's long-term sustainability, making India a more competitive player in the global chemical market and meeting the increasing demand for sustainable and eco-friendly products across various sectors.

Rising Demand from the Explosives Industry

The India Pentaerythritol market is currently witnessing a significant growth trend, with the rising demand from the explosives industry playing a central role in this expansion. Pentaerythritol, a versatile and highly stable chemical compound, is a vital component in the manufacturing of explosives, particularly in the defense and mining sectors. This trend is being propelled by several factors.

The defense industry in India relies on pentaerythritol for the production of various explosives, including detonators and propellants. As the nation focuses on strengthening its defense capabilities, the demand for high-quality and reliable explosive materials has surged. Pentaerythritol's ability to provide stable and controlled explosive power is essential in the development of advanced military technologies, driving its prominence in the defense sector. In mining industry, which is pivotal to India's economic growth, is a significant consumer of explosives. Explosives play a vital role in the extraction and excavation processes, contributing to the nation's mining sector's continued expansion. The need for efficient and safe explosives has led to an increased demand for pentaerythritol-based explosive formulations.

The construction sector, which is experiencing consistent growth in India, uses explosives for various applications, such as rock blasting and demolition. Pentaerythritol-based explosives are favored for their reliability and safety, further boosting their demand in the construction industry. Therefore, the rising demand from the explosives industry, driven by the defense, mining, and construction sectors, is a key growth trend in the India Pentaerythritol market. As these industries continue to thrive and evolve, the need for high-quality explosives remains strong, solidifying pentaerythritol's status as a crucial component in the Indian chemical industry. This trend reflects India's industrial growth and its importance in various sectors requiring explosive materials for a variety of applications.

Segmental Insights

Application Insights

Based on application, paints & coatings segment is projected to experience rapid growth during the forecast period. This growth is attributed to Pentaerythritol's essential role in the production of alkyd resins and radiation-curable coatings, which align with the growth of the construction, automotive, and industrial sectors in the country, positioning it as the dominant player in the market. Pentaerythritol is used in the formulation of alkyd resins, which are essential binders in the production of high-quality paints and coatings. These coatings are widely applied in architectural, automotive, and industrial applications, all of which have experienced significant growth in India. The versatility of Pentaerythritol in alkyd resin production has led to its prominence in the paints and coatings segment. Pentaerythritol serves as a critical component in the formulation of radiation-curable coatings. These coatings have gained popularity for their rapid curing properties, making them suitable for applications like wood coatings, packaging materials, and automotive finishes. The increasing demand for these coatings has further fueled the dominance of Pentaerythritol in the segment. The consistent need for high-quality, durable paints and coatings in the construction and infrastructure development sectors in India has driven the demand for Pentaerythritol.

Regional Insights

Based on the region, the dominance of the West region in the Indian Pentaerythritol market can be attributed to its robust chemical and industrial presence, its strategic location for logistics, and the concentration of manufacturing hubs, all of which have contributed to its prominence in the Pentaerythritol segment.

The Western region of India, particularly states like Gujarat and Maharashtra, is known for its strong industrial presence, including chemical manufacturing. This region houses numerous chemical companies that are significant consumers of Pentaerythritol. The concentration of chemical industries in the West region has contributed to its dominance in the Pentaerythritol market. The West region is home to key industrial clusters involved in the production of paints, coatings, and adhesives. These industries are major

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

users of Pentaerythritol, which serves as a vital ingredient in the formulation of high-quality coatings. The growth of these sectors has driven the demand for Pentaerythritol in the West region.

The West region's well-developed transportation and logistics networks, along with proximity to major ports, have facilitated the import and distribution of raw materials, including Pentaerythritol. This logistical advantage has made it a convenient location for companies engaged in the manufacturing and distribution of Pentaerythritol-based products.

Key Market Players

□□MLA Group

□□Novel Chem

□□Central Drug House (P) Ltd.

□□Vizag Chemicals

□□Kanoria Chemicals & Industries Limited

Report Scope:

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

□□India Pentaerythritol Market, By Product Type:

- o Mono Pentaerythritol
- o Di-Pentaerythritol
- o Tri-Pentaerythritol

□ India Pentaerythritol Market, By Application:

- o Paints & Coatings
- o Lubricants
- o Plasticizer
- o Explosives
- o Agriculture
- o Others

□□India Pentaerythritol Market, By Region:

- o West India
- o North India
- o South India
- o East India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the India Pentaerythritol Market.

Available Customizations:

India Pentaerythritol Market report with the given market data, TechSci 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

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 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. Voice of Customers
5. Impact of COVID-19 on India Pentaerythritol Market
6. India Pentaerythritol Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
 - 6.2. Market Share & Forecast
 - 6.2.1. By Product Type (Mono Pentaerythritol, Di-Pentaerythritol, Tri-Pentaerythritol)
 - 6.2.2. By Application (Paints & Coatings, Lubricants, Plasticizer, Explosives, Agriculture, Others)
 - 6.2.3. By Region (North India, South India, East India, West India)
 - 6.2.4. By Company (2024)
 - 6.3. Product Market Map
7. North India Pentaerythritol Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Product Type
 - 7.2.2. By Application
8. South India Pentaerythritol Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value
 - 8.2. Market Share & Forecast
 - 8.2.1. By Product Type
 - 8.2.2. By Application
9. East India Pentaerythritol Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast
 - 9.2.1. By Product Type
 - 9.2.2. By Application
10. West India Pentaerythritol Market Outlook
 - 10.1. Market Size & Forecast
 - 10.1.1. By Value
 - 10.2. Market Share & Forecast
 - 10.2.1. By Product Type
 - 10.2.2. By Application

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 11. Market Dynamics
 - 11.1. Drivers
 - 11.2. Challenges
- 12. Market Trends & Developments
 - 12.1. Merger & Acquisition
 - 12.2. Product Development
 - 12.3. Recent Developments
- 13. Porters Five Forces Analysis
 - 13.1. Competition in the Industry
 - 13.2. Potential of New Entrants
 - 13.3. Power of Suppliers
 - 13.4. Power of Customers
 - 13.5. Threat of Substitute Products
- 14. Pricing Analysis
- 15. Policy & Regulatory Framework
- 16. India Economic Profile
- 17. Competitive Landscape
 - 17.1. MLA Group
 - 17.1.1. Business Overview
 - 17.1.2. Company Snapshot
 - 17.1.3. Products & Services
 - 17.1.4. Financials (As Reported)
 - 17.1.5. Recent Developments
 - 17.2. Novel Chem
 - 17.3. Central Drug House (P) Ltd.
 - 17.4. Vizag Chemicals
 - 17.5. Kanoria Chemicals & Industries Limited
- 18. Strategic Recommendations
- 19. About us and Disclaimer

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

India Pentaerythritol Market By Product Type (Mono Pentaerythritol, Di-Pentaerythritol, Tri-Pentaerythritol), By Application (Paints & Coatings, Lubricants, Plasticizer, Explosives, Agriculture, Others), By Region, Competition, Forecast and Opportunities, 2020-2030F

Market Report | 2024-12-31 | 85 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	\$3500.00
	Multi-User License	\$4500.00
	Custom Research License	\$7000.00
		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

2026-03-05

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