

# **Global Technical Textile Chemicals Market Size Study, by Application (Agrotech, Buildtech, Geotech, Medtech, Miltech, Packtech, Protech, Transtech) and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Technical Textile Chemicals Market, valued at approximately USD 8.93 billion in 2023, is anticipated to witness a compound annual growth rate (CAGR) of 4.80% during the forecast period 2024-2032. This market plays a critical role in supporting the production of technical textiles, which are utilized across a broad spectrum of industries such as agriculture, construction, healthcare, defense, and transportation. Technical textile chemicals provide essential functionalities like flame resistance, water repellency, and antimicrobial properties, enabling textiles to meet rigorous performance standards.

The demand for technical textile chemicals is propelled by the rapid expansion of industries like automotive, medical, and construction. Innovations in product development have further enhanced their utility, enabling applications in high-stakes environments such as geotechnical engineering and personal protective equipment (PPE). For instance, the growing emphasis on sustainable solutions has led to the development of eco-friendly chemicals, which not only meet stringent regulatory requirements but also align with global environmental goals. However, challenges such as fluctuating raw material prices and compliance with environmental regulations may hinder the market's growth trajectory.

Geographical trends reveal promising opportunities, with Asia Pacific emerging as a leading region due to its robust textile manufacturing base and significant investments in infrastructure development. Meanwhile, North America and Europe are witnessing steady growth driven by advancements in medical and protective textiles, fueled by their

mature healthcare and industrial sectors. Investments in R&D are also fostering the innovation of advanced chemicals that meet evolving consumer and industrial demands.

In regions such as Europe, the focus on eco-compliance has driven the adoption of technical textile chemicals with reduced environmental footprints. Concurrently, Asia Pacific is experiencing rapid adoption of these chemicals, driven by increasing urbanization and government initiatives promoting technical textile production. North America, characterized by strong automotive and healthcare sectors, continues to make strides in adopting high-performance technical textile solutions.

Major market players included in this report are:

BASF SE

Dow Inc.

Huntsman Corporation

Archroma

Solvay S.A.

Omnova Solutions Inc.

Evonik Industries AG

Clariant AG

DuPont de Nemours, Inc.

Tanatex Chemicals B.V.

Wacker Chemie AG

Goulston Technologies, Inc.

Sumitomo Chemical Co., Ltd.

Rudolf GmbH

Croda International Plc

The detailed segments and sub-segments of the market are explained below:

By Application:

Agrotech

Buildtech

Geotech

Medtech

Miltech

Packtech

Protech

Transtech

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:

Saudi Arabia

South Africa

## Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year: 2022

Base year: 2023

Forecast period: 2024 to 2032

### Key Takeaways:

Market estimates and forecasts for 10 years, from 2022 to 2032.

Regional-level analysis with insights into key trends and growth drivers.

Competitive landscape featuring major players and their strategic initiatives.

Comprehensive demand-side and supply-side market analysis.

Recommendations for stakeholders to capitalize on emerging opportunities.

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