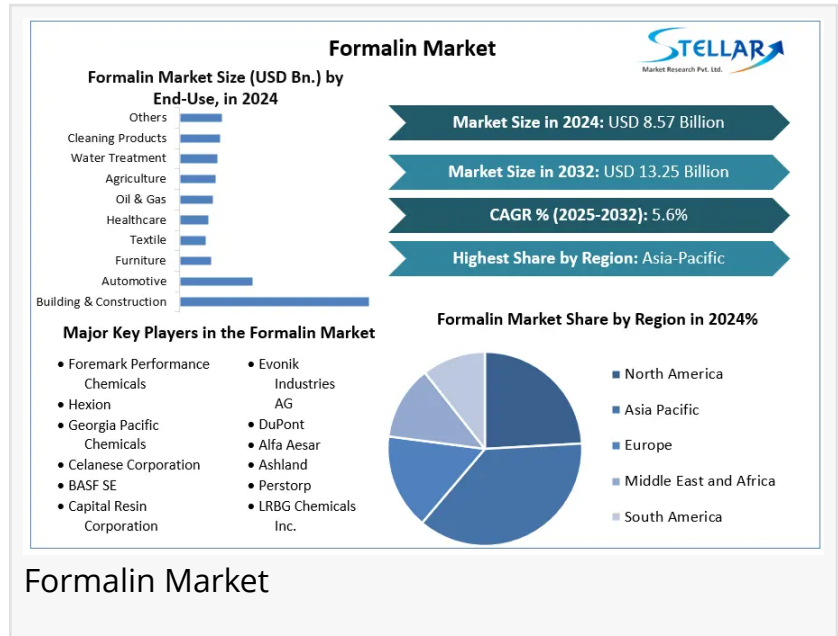


Formalin Market Set to Grow Steadily on Back of Construction, Healthcare, and Resin Demand

Asia-Pacific leads growth as diverse applications—from textiles to biocides—propel formalin demand globally.

WILMINGTON, DE, UNITED STATES,
September 10, 2025 /
EINPresswire.com/ -- [Formalin Market Overview](#)

Formalin Market size was valued at USD 8.57 Billion in 2024 and the Formalin Market revenue is expected to grow at 5.60% through 2025 to 2032, reaching nearly USD 13.25 Billion.



The Formalin Market is on a consistent upward trend, underpinned by rising demand across critical sectors such as construction, healthcare, textiles, and chemical manufacturing. Valued between USD 15–16 billion in 2024, it is projected to reach approximately USD 24 billion by the mid-2030s, reflecting a CAGR of around 4–4.2% over the forecast period. This growth mirrors formalin’s critical role in adhesives, disinfectants, fabric treatment, and preservation processes across industrial and medical spheres.

“

While technical-grade liquid formalin anchors the global base, evolving regulation, health awareness, and diversification into specialty applications are redefining the market’s trajectory.”

Navneet Kaur

To know the most attractive segments, click here for a free sample of the report:

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Key Highlights

Dominating Region:

Asia-Pacific leads the global market—thanks to rapid industrialization, vast textiles and construction activity, and expanding healthcare infrastructure across countries like China and India.

Leading Segment:

The liquid form of formalin remains predominant, with the technical grade category (used in resins, adhesives, and industrial applications) capturing more than 55% of the revenue share.

Key Driver:

Demand is driven by formalin's integral role in formaldehyde-based resins (used in plywood, MDF, adhesives), textile finishing, healthcare disinfectants, and construction materials, all supported by growing industrial and infrastructure investments.

Recent Developments

Key Players:

Leading chemical manufacturers—such as BASF, Celanese, SABIC, and Formosa Plastics—continue to reinforce their presence through production expansions, R&D investments in specialty grades, and geographic diversification.

Regional Momentum:

Asia-Pacific continues to dominate, while North America maintains a significant share owing to strong demand in automotive, construction, and healthcare sectors.

Market Dynamics

Resin Demand in Construction & Furniture: Formaldehyde-based resins (e.g., urea-formaldehyde, phenol-formaldehyde) remain essential for engineered wood and composite materials.

Textile Processing & Finishing: In the textile industry, formalin enhances fabric durability, wrinkle resistance, and dimensional stability.

Healthcare & Preservation Needs: Used as a disinfectant and preservative, formalin supports specimen fixation, sterilization, and medical manufacturing processes.

Regulatory Challenges: Growing scrutiny over formaldehyde's health impacts—especially its carcinogenic properties—has led to tighter restrictions, particularly in the EU and North America.

Industrial Grade Evolution: While technical grade drives volume, pharmaceutical and industrial grades are gaining traction in niche medical and processing applications.

Regional Analysis

Asia-Pacific:

Holds the largest market share thanks to booming industrial sectors—construction, automotive, textiles—and large-scale chemical production capacity.

North America:

A significant market, supported by demand from healthcare, automotive, and construction verticals, and driven by high compliance standards.

Europe:

Mature market with steady demand; regulatory pressure is shifting consumption toward lower-emission or alternative solutions.

Latin America & Middle East & Africa:

Emerging markets showing growth in formalin consumption aligned with infrastructure development and urbanization trends.

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Product Segmentation

By Form:

Liquid Formalin – dominant

Solid Formalin – smaller but steady presence, often used in polymer production or specialty applications.

By Grade:

Technical Grade – largest share (~55%)

Pharmaceutical Grade – growing in healthcare and lab applications

Industrial Grade – used in textiles, leather, paper, and related industries

By Application:

Textile Finishing – largest volume segment

Plywood / Particleboard / Adhesives – significant resin demand

Chemical Manufacturing – as intermediate in chemical production

Preservatives / Disinfectants – critical in medical, healthcare, and archival uses

Other – including leather tanning, paper processing, etc.

By End-Use Industry:

Automotive

Construction

Healthcare

Furniture

Textiles

Others (e.g., packaging, agriculture)

Formalin Market Players:

Foremark Performance Chemicals

Hexion

Georgia Pacific Chemicals

Celanese Corporation

BASF SE
Capital Resin Corporation
Evonik Industries AG
DuPont
Alfa Aesar
Ashland
Perstorp
LRBG Chemicals Inc.

Key Trends

Rise of Technical Grade Dominance: Driven by adhesive and resin demand in construction and industrial segments.

Asia-Pacific Surge: Rapidly growing infrastructure and manufacturing markets reinforce regional leadership.

Health & Safety Regulations: Stricter rules are pushing innovation toward low-emission formulations and substitutes.

Diversifying Grades: Increased adoption of pharmaceutical and industrial grades, especially in medical and textile applications.

Product Innovation: R&D is focused on environmentally friendly formalin blends and safer application systems.

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