

## **High-Purity Solvents: Global Markets**

Market Research Report | 2025-09-04 | 226 pages | BCC Research

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### **Report description:**

#### Description

#### Report Scope

This report provides a comprehensive examination into the high-purity solvents market. It details various types and grades, their applications and potential end uses. It covers an in-depth analysis of manufacturers, prevailing market trends, emerging opportunities and factors expected to drive market growth. All market value estimates are based on a thorough analysis of multiple factors and manufacturers' revenue, offering insight into the chemical industry. The report covers North America, Europe, Asia-Pacific, South America, and the Middle East and Africa.

The report provides an analysis of the market based on type, category, grade, application and end user.

- Type: Spectrophotometric solvents, GC solvents, HPLC solvents, UHPLC and LC/MS solvents, and others.
- Grade: SpectroSolv, OmniSolv, HPLC grade, PestiSolv, ACS, UniSolv, BioSolv, GCSolv, and others.
- Category: Nonpolar solvent and polar solvent.
- Application: Catalysts, resins, electroplating, liquid crystal, batteries, and others.
- End User: Pharmaceutical, biotechnology, chemical laboratories, cosmetics, paints and coatings, food and beverages, agriculture, electrical and electronics, and others.

This report provides a comprehensive analysis of the high-purity solvents market, including forecasts for growth from 2025 through 2030, based on BCC Research's examination of essential segmentations and regions. It covers current market dynamics, demand-driving strategies and trends, profiles of key manufacturers, ESG developments, the competitive environment and regulatory aspects from an international and regional perspective to assess growth potential.

#### Report Includes

- 110 data tables and 43 additional tables
- An overview of the global markets for high-purity solvents
- In-depth analysis of global market trends, featuring historical revenue data for 2024, estimated figures for 2025, as well as forecasts for 2029, including projections of CAGRs through 2030

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- Estimation of market size, demand/supply volume and revenue forecasts for high-purity solvents, and corresponding market share analysis by solvent type, grade, category, application, end user and geographic region
- In-depth information (facts and figures) concerning the major factors influencing the progress of the market (drivers, restraints, opportunities and industry-specific challenges) with respect to growth trends, upcoming prospects and contributions to the overall market
- Coverage of evolving technologies, the current and future market potential, R&D activities, growth strategies, regulatory framework and reimbursement scenarios and ESG trends of the market
- Identification of companies best positioned to meet this demand due to their proprietary technologies, mergers and acquisitions, joint ventures and other strategic alliances
- Profiles of the leading global companies, including Exxon Mobil Corp., Merck KGaA, Thermo Fisher Scientific Inc., BASF, Evonik Industries AG and Dow

## Executive Summary

### Summary:

The global market for high-purity solvents is estimated to grow from \$32.7 billion in 2025 and forecast to reach \$45 billion by the end of 2030, at a compound annual growth rate (CAGR) of 6.6% from 2025 through 2030.

The high-purity solvents market is experiencing robust growth, driven by escalating demand from the pharmaceutical, biotechnology, chemical laboratories and cosmetics sectors, where stringent purity standards are essential for applications such as drug development and advanced laboratory research. Despite opportunities in green solvents and advanced purification technologies, the market faces challenges from high production costs, strict regulatory compliance and supply chain vulnerabilities.

## Technological Advances and Applications

A relentless pursuit of ultimate purity and a growing emphasis on sustainability characterize technological advances in the high-purity solvents sector. Cutting-edge purification technologies, including advanced distillation, membrane filtration and proprietary adsorption processes, enable the production of solvents. This is particularly critical in the manufacture of semiconductors and advanced electronics. Concurrently, a significant push toward green chemistry fosters the development of high-purity, bio-based solvents derived from renewable feedstocks and innovative solvent recycling systems. These advances are meeting the increasingly stringent quality demands of high-tech industries and addressing environmental concerns by reducing the consumption of virgin solvents and minimizing hazardous waste.

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Market Analysis by Grade  
SpectroSolv  
OmniSolv  
HPLC Grade  
PestiSolv  
ACS  
UniSolv  
BioSolv  
GCSolv  
Others  
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AVANTOR INC.  
BASF  
COLUMBUS CHEMICALS  
DOW  
EVONIK INDUSTRIES AG  
EXXON MOBIL CORP.  
HIGH PURITY LABORATORY CHEMICALS PVT. LTD.  
HONEYWELL INTERNATIONAL INC.  
RESONAC HOLDINGS CORP.  
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MERCK KGAA  
TEDIA CO. LLC.  
THERMO FISHER SCIENTIFIC INC.

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