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Global N,N-Diethyl-2-propyneammonium Sulfate Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global N,N-Diethyl-2-propyneammonium Sulfate market size was valued at US$ 7.87 million in 2025 and is forecast to a readjusted size of US$ 10.51 million by 2032 with a CAGR of 4.2% during review period.

In 2025, the global sales volume of N,N-Diethyl-2-propyneammonium Sulfate is estimated at approximately 860 tons, with the mainstream ex-factory average price at around USD 8.9/kg. The gross margin of major manufacturer is approximately 28%?42%.

N,N-Diethyl-2-propyneammonium Sulfate is an alkynyl amine nickel plating intermediate, commonly abbreviated as TC-DEP, with CAS No. 84779-61-3. The product is usually supplied as an approximately 50% aqueous solution, typically appearing as a colorless to pale yellow transparent liquid. It is readily soluble in water and is mainly used in nickel plating additive systems such as bright nickel plating and semi-bright nickel plating. Its molecular structure contains both an alkynyl group and a diethylamine salt structure, enabling it to influence cathodic deposition behavior during nickel plating and improve coating brightness, leveling performance, and low-current-density area coverage.

Its upstream raw material mainly includes N,N-diethylpropargylamine, sulfuric acid, solvent, water treatment auxiliary, stabilizer and packaging material. Key production requirements include salt formation reaction control, active content stability, color control, impurity control and batch-to-batch consistency. Downstream, it is mainly used in nickel plating processing fields such as decorative hardware electroplating,

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automotive part electroplating, electronic connector electroplating and mechanical part electroplating, especially in process systems with high requirements for coating brightness, leveling ability, low-current-density throwing power and appearance consistency.

This report is a detailed and comprehensive analysis for global N,N-Diethyl-2-propyneammonium Sulfate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global N,N-Diethyl-2-propyneammonium Sulfate market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/kg), 2021-2032

Global N,N-Diethyl-2-propyneammonium Sulfate market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/kg), 2021-2032

Global N,N-Diethyl-2-propyneammonium Sulfate market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/kg), 2021-2032

Global N,N-Diethyl-2-propyneammonium Sulfate market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), and ASP (US$/kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for N,N-Diethyl-2-propyneammonium Sulfate

To forecast future growth in each product and end-use market

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To assess competitive factors affecting the marketplace

This report profiles key players in the global N,N-Diethyl-2-propyneammonium Sulfate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wuhan Jadechem New Materials, Wuhan Pinestone Technology, Wuhan Bright Chemical, Hainan Zhongxin Chemical, Shanghai Theorem Chemical Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

N,N-Diethyl-2-propyneammonium Sulfate market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

50% Aqueous Solution

Other

Market segment by Application Plating Type

Bright Nickel Plating

Semi-bright Nickel Plating

Market segment by Application

Brightener

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Leveling Agent

Other

Major players covered

Wuhan Jadechem New Materials

Wuhan Pinestone Technology

Wuhan Bright Chemical

Hainan Zhongxin Chemical

Shanghai Theorem Chemical Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe N,N-Diethyl-2-propyneammonium Sulfate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of N,N-Diethyl-2-propyneammonium Sulfate, with price, sales quantity, revenue, and global market share of N,N-

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Diethyl-2-propyneammonium Sulfate from 2021 to 2026.

Chapter 3, the N,N-Diethyl-2-propyneammonium Sulfate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the N,N-Diethyl-2-propyneammonium Sulfate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and N,N-Diethyl-2-propyneammonium Sulfate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of N,N-Diethyl-2-propyneammonium Sulfate.

Chapter 14 and 15, to describe N,N-Diethyl-2-propyneammonium Sulfate sales channel, distributors, customers, research findings and conclusion.

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