

# Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market size is expected to reach \$ 298 million by 2032, rising at a market growth of 2.1% CAGR during the forecast period (2026-2032).

3-Chloro-2-hydroxypropyltrimethylammonium chloride (CTA) is an important cationic quaternary ammonium salt etherifying agent, appearing as white granular crystals or a liquid. It is primarily used to modify starch and cellulose through etherification reactions and is widely applied in the paper (for enhanced performance), textile, daily chemical, and water treatment industries.

The upstream core raw materials include epichlorohydrin (ECH) and trimethylamine hydrochloride (or trimethylamine). Epichlorohydrin is significantly affected by crude oil prices and the propylene/glycerol process, and is a key factor in determining production costs. Its production requires extremely high environmental standards, and the purity of the raw materials and reaction yield directly affect the content of impurities (such as dichloropropanol) in the final product.

Global sales are projected to reach 105,000 tons in 2025, with an average market price of approximately US\$2,400 per ton. The industry's gross profit margin is in the range of 20%-30%.

The core logic driving the growth of this industry lies in the performance demands of downstream applications and the mandatory implementation of environmental protection policies. Firstly, the paper industry is transforming towards packaging and functional applications, particularly in the special paper and high-strength corrugated paper sectors driven by express delivery and logistics. The use of cationic starch as a

reinforcing agent is continuously increasing in these areas. Secondly, with stricter global water resource management, its application as a key raw material in the synthesis of cationic flocculants is expanding in industrial wastewater decolorization and municipal sludge dewatering.

This report studies the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride total production and demand, 2021-2032, (Tons)

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride total production value, 2021-2032, (USD Million)

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride domestic production, consumption, key domestic manufacturers and share

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SACHEM

Chemical Company, QUAB Chemicals, Dow, Shubham Starch Chem, Shandong Delin New Materials, Shandong Tiancheng, Dongying J&M, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Market, Segmentation by Type:

65% inH<sub>2</sub>O

60% inH<sub>2</sub>O

Others

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Market, Segmentation by Grade:

Industrial grade

Cosmetic Grade

Other

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Market, Segmentation by Sales Channels:

Direct Sales

Distribution

Global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride Market, Segmentation by Application:

Papermaking

Textiles

Water Treatment

Daily Chemical

Other

**Companies Profiled:**

SACHEM Chemical Company

QUAB Chemicals

Dow

Shubham Starch Chem

Shandong Delin New Materials

Shandong Tiancheng

Dongying J&M

**Key Questions Answered:**

1. How big is the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market?
2. What is the demand of the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market?
3. What is the year over year growth of the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market?
4. What is the production and production value of the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market?
5. Who are the key producers in the global 3-Chloro-2-Hydroxypropyl Trimethyl Ammonium Chloride market?
6. What are the growth factors driving the market demand?

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