

Global Industrial Grade Glacial Acetic Acid 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 Industrial Grade Glacial Acetic Acid market size was valued at US\$ 1092 million in 2025 and is forecast to a readjusted size of US\$ 1392 million by 2032 with a CAGR of 3.5% during review period.

In 2025, global Industrial Grade Glacial Acetic Acid production reached approximately 1.52 million tons , with an average global market price of around US\$ 700 per ton.

Industrial-grade glacial acetic acid is a high-purity acetic acid product used widely in industrial applications, typically with an acetic acid content above 99.5%. It is a clear, colourless liquid at ambient temperature and readily solidifies into an “icy” crystalline mass at lower temperatures, hence the term “glacial.” It is mainly produced via methanol carbonylation (e.g. Monsanto, Cativa processes) or, to a lesser extent, from acetaldehyde or ethylene oxidation routes. Industrial-grade glacial acetic acid can be used directly as an organic solvent or acidulant, but more importantly serves as a bulk intermediate for synthesising PTA (purified terephthalic acid), vinyl acetate monomer (VAM), acetic anhydride, various acetate esters and acetate salts. Compared with food- or pharmaceutical-grade acetic acid, the industrial grade has slightly less stringent limits on heavy metals and microbiological purity but focuses on acidity, colour, corrosivity and safe handling/transport standards, and functions as a fundamental organic building block across polyester, coatings and adhesives, textile dyeing and finishing, papermaking, water treatment and many fine-chemical value chains.

In the value chain, industrial-grade glacial acetic acid sits between basic carbon-based feedstocks and a wide range of polymers and fine chemicals. Upstream, key inputs are methanol, carbon monoxide or syngas, along with catalysts and utilities; methanol itself

can be produced from natural gas or naphtha, as well as from coal-based syngas in certain regions. Large integrated chemical companies and coal-chemical or refinery-integrated producers typically control these upstream assets. In the midstream, dedicated acetic acid producers operate methanol carbonylation, acetaldehyde or ethylene oxidation, or (in niche cases) fermentation–distillation processes to make industrial-grade glacial acetic acid, with proprietary process know-how, catalyst systems and energy integration as core differentiators. Downstream, PTA and vinyl acetate monomer represent the dominant consumption outlets, feeding into polyester resins, PET bottle chips, films and fibres, and into waterborne coatings and adhesives. Other important outlets include acetate solvents (ethyl acetate, butyl acetate, etc.), acetic anhydride and its use in tobacco and cellulose derivatives, as well as applications in water treatment, pharmaceutical intermediates, agrochemicals and electronic chemicals. End users thus span PET and polyester producers, coating and adhesive manufacturers, pharmaceutical and agrochemical companies, and textile-dyeing and papermaking plants, with industrial-grade glacial acetic acid acting as a cornerstone that links basic C1 chemistry to advanced polymer and specialty-chemical sectors.

The annual production capacity of a single-line Industrial Grade Glacial Acetic Acid is approximately 18k tons, with a gross profit margin of approximately 20%-30%.

This report is a detailed and comprehensive analysis for global Industrial Grade Glacial Acetic Acid 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 Industrial Grade Glacial Acetic Acid market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Industrial Grade Glacial Acetic Acid market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Industrial Grade Glacial Acetic Acid market size and forecasts, by Type and by

Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Industrial Grade Glacial Acetic Acid market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 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 Industrial Grade Glacial Acetic Acid
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Industrial Grade Glacial Acetic Acid 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 Lenzing Group, Sekab, AFYREN, Wacker Chemie, Celanese, Daicel, Eastman Chemical, HELM AG, LyondellBasell, Mitsubishi Chemical, etc.

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

Market Segmentation

Industrial Grade Glacial Acetic Acid 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

PTA-grade

VAM-grade

Market segment by Raw Materials

Methanol

Acetaldehyde

Others

Market segment by Application

Cigarettes

Paper

Film

Others

Major players covered

Lenzing Group

Sekab

AFYREN

Wacker Chemie

Celanese

Daicel

Eastman Chemical

HELM AG

LyondellBasell

Mitsubishi Chemical

Jinshan Pharmaceutical

Hongda Biological Technology

Xinyu Sanyang Industrial

Tianguan Group

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 Industrial Grade Glacial Acetic Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Grade Glacial Acetic Acid, with price, sales quantity, revenue, and global market share of Industrial Grade Glacial Acetic Acid from 2021 to 2026.

Chapter 3, the Industrial Grade Glacial Acetic Acid competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Industrial Grade Glacial Acetic Acid 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 Industrial Grade Glacial Acetic Acid 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 Industrial Grade Glacial Acetic Acid.

Chapter 14 and 15, to describe Industrial Grade Glacial Acetic Acid sales channel, distributors, customers, research findings and conclusion.

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