

Hydrochloric Acid - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 150 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Hydrochloric Acid Market size is estimated at 7.29 million tons in 2025, and is expected to reach 9.51 million tons by 2030, at a CAGR of 5.46% during the forecast period (2025-2030).

The COVID-19 pandemic had a mixed impact on the global hydrochloric acid market. Initially, there was a decline in demand due to disruptions in industries like manufacturing, oil and gas, steel industry, and others. However, the increased use of hydrochloric acid in pharmaceuticals and disinfectants partially offset this decline. As the world is recovering, the market is expected to stabilize, with potential growth driven by the oil, gas, pharmaceutical, and steel industries.

Key Highlights

- Over the medium term, the significant factors driving the growth of the market studied are increasing demand from the oil and gas industry and growing demand for pickling in the steel industry.
- On the flip side, pollution, environmental damage, and health hazards associated with HCL are likely to affect the market studied. HCL in the atmosphere causes atmospheric pollution and acid rain, among other things, and it has short-term and long-term effects on human health.
- Nevertheless, increasing demand for synthetic hydrochloric acid is expected to create lucrative growth opportunities for the global market.
- Asia-Pacific dominated the market worldwide, followed by North America.

Hydrochloric Acid Market Trends

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Increasing Demand for Pickling in the Steel Industry

- The steel industry uses hydrochloric acid in the pickling process. Pickling is a process used to remove impurities, such as inorganic contaminants, stains, rust, and scale, from different metals, including ferrous, copper, precious metals, and aluminum alloys.
- Hydrochloric acid has replaced sulfuric acid in many steel pickling facilities. Owing to this, the requirement for hydrochloric acid increased in various steel production facilities.
- According to the World Steel Association, global crude steel production in 2023 reached 1,849.7 million tons, registering a growth of about 1%, compared to 1,831.5 million tons in 2022, and is further expected to increase during the forecast period.
- Asia-Pacific is the major producer of steel, particularly in countries like China, Japan, and India. China is also projected to remain the largest consumer of iron and steel. As China continues to grow in consumption, the country's production of crude steel is likely to increase during the forecast period.
- Crude steel production in North America was recorded at 109.6 million tons in 2023, an increase of 5.3% compared to 2022. The United States produced 80.7 million tons in 2022, an increase of 7.6% from 2022.
- Owing to the above factors, the hydrochloric acid market is expected to grow during the forecast period.

Asia-Pacific Dominates the Market

- In Asia-Pacific, the rising production capabilities of China, India, and other countries, as well as the increasing demand from the steel, oil and gas, and chemical industries, may boost the hydrochloric acid market.
- In the oil and gas industry, HCl is commonly used to stimulate oil and gas wells, particularly in carbonate formations. With increasing demand in countries like China and India, oil and gas companies are planning to expand their manufacturing activities, resulting in increased hydrochloric acid consumption.
- According to the International Energy Administration (IEA), the oil demand for Asia-Pacific is expected to reach 41.3 million barrels per day (mb/d) in 2028. In 2023, it was valued at 37.8 (mb/d), an increase of about 5.59% compared to 2022.
- According to data from China's customs, in 2023, China, the globe's top importer of crude oil, brought in 11.3 million barrels of crude oil every day, marking a 10% rise from the previous year. Refineries in China saw their highest crude oil imports in 2023 to meet the nation's rising demand for refining, aiming to meet transportation fuel needs and generate raw materials for its expanding petrochemical industry .
- According to official data, in the first quarter of 2024, India used 233.3 MMT of petroleum products and 66.6 BCM of natural gas, marking an increase of 4.6% and 11%, respectively, compared to the same period in 2023. As of April 2024, India's refining capacity is 256.8 MMTPA, with a total of 23 refineries.
- The steel industry is one of the major end-user industries of hydrochloric acid. Asia produced 1,367.2 million tons of crude steel in 2023, an increase of 0.7% compared to 2022.
- China's crude steel production in 2023 reached 1,019.1 million tons, an increase of about 0.6% compared to 2022. India's crude steel production in 2023 reached 140.2 million tons, an increase of 11.8% compared to 2022.
- The growing development of food, chemical, and textile industries is driving the hydrochloric acid market. Moreover, the government has been taking initiatives to attract FDI in the manufacturing sector to make India a manufacturing hub.
- Therefore, the market for hydrochloric acid in the region is expected to grow significantly during the forecast period.

Hydrochloric Acid Industry Overview

The hydrochloric acid market is highly fragmented. Some of the major players (not in any particular order) in the market include

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Solvay, BASF SE, AGC Chemicals, Occidental Petroleum Corporation, and ERCO Worldwide.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

- 1.1 Study Assumptions
- 1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

- 4.1 Drivers
 - 4.1.1 Increasing Demand from the Oil and Gas Industry
 - 4.1.2 Demand for Pickling in the Steel Industry
 - 4.1.3 Other Drivers
- 4.2 Restraints
 - 4.2.1 Effects on Humans and the Environment
 - 4.2.2 Other Restraints
- 4.3 Industry Value Chain Analysis
- 4.4 Porter's Five Forces Analysis
 - 4.4.1 Bargaining Power of Suppliers
 - 4.4.2 Bargaining Power of Consumers
 - 4.4.3 Threat of New Entrants
 - 4.4.4 Threat of Substitute Products and Services
 - 4.4.5 Degree of Competition

5 MARKET SEGMENTATION (Market Size in Volume)

- 5.1 End-user Industry
 - 5.1.1 Chemical
 - 5.1.2 Food and Beverage
 - 5.1.3 Oil and Gas
 - 5.1.4 Steel
 - 5.1.5 Textile
 - 5.1.6 Other End-user Industries (Leather, Rubber)
- 5.2 Geography
 - 5.2.1 Asia-Pacific
 - 5.2.1.1 China
 - 5.2.1.2 India
 - 5.2.1.3 Japan
 - 5.2.1.4 South Korea
 - 5.2.1.5 Malaysia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2.1.6 Thailand
- 5.2.1.7 Indonesia
- 5.2.1.8 Vietnam
- 5.2.1.9 Rest of Asia-Pacific
- 5.2.2 North America
 - 5.2.2.1 United States
 - 5.2.2.2 Canada
 - 5.2.2.3 Mexico
- 5.2.3 Europe
 - 5.2.3.1 Germany
 - 5.2.3.2 United Kingdom
 - 5.2.3.3 Italy
 - 5.2.3.4 France
 - 5.2.3.5 Spain
 - 5.2.3.6 NORDIC
 - 5.2.3.7 Turkey
 - 5.2.3.8 Russia
 - 5.2.3.9 Rest of Europe
- 5.2.4 South America
 - 5.2.4.1 Brazil
 - 5.2.4.2 Argentina
 - 5.2.4.3 Colombia
 - 5.2.4.4 Rest of South America
- 5.2.5 Middle East and Africa
 - 5.2.5.1 Saudi Arabia
 - 5.2.5.2 South Africa
 - 5.2.5.3 Nigeria
 - 5.2.5.4 Qatar
 - 5.2.5.5 Egypt
 - 5.2.5.6 United Arab Emirates
 - 5.2.5.7 Rest of Middle East and Africa

6 COMPETITIVE LANDSCAPE

- 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Market Share(%)**/ Ranking Analysis
- 6.3 Strategies Adopted by Leading Players
- 6.4 Company Profiles
 - 6.4.1 AGC Chemicals
 - 6.4.2 BASF SE
 - 6.4.3 Coogee Chemicals
 - 6.4.4 Covestro AG
 - 6.4.5 Detrex Corporation
 - 6.4.6 Dongyue Group
 - 6.4.7 ERCO Worldwide
 - 6.4.8 Ercros SA
 - 6.4.9 Inovyn
 - 6.4.10 Nouryon Industrial Chemicals

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.4.11 Occidental Petroleum Corporation

6.4.12 Olin Corporation

6.4.13 PCC Group

6.4.14 Shin-Etsu Chemical Co. Ltd

6.4.15 Solvay

6.4.16 Tessenderlo Group

6.4.17 Toagosei Co. Ltd

6.4.18 Vynova Group

6.4.19 Merck KGaA

6.4.20 Westlake Chemical Corporation

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

7.1 Increasing Demand for Synthetic Hydrochloric Acid

7.2 Other Opportunities

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Hydrochloric Acid - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 150 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

