+357 96 030922
info@marketpublishers.com

Global Waste Acid Recycling Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GD6A235ACD31EN.html
Date: April 2026
Pages: 160
Price: US$ 4,480.00 (Single User License)
ID: GD6A235ACD31EN

Abstracts

The global Waste Acid Recycling market size is expected to reach $ 4211 million by 2032, rising at a market growth of 5.2% CAGR during the forecast period (2026-2032).

Waste acid recycling refers to the environmental protection and resource utilization industry that purifies and recycles acidic waste liquids such as waste sulfuric acid and waste hydrochloric acid generated in industries such as metal processing, chemical industry, and metallurgy. The equipment uses technologies such as membrane separation, diffusion dialysis, and roasting regeneration to separate metal ions or organic matter from the waste acid, producing recyclable acid with high economic and environmental value.

The upstream of the waste acid recycling industry chain mainly originates from high acid-consuming industries, including steel pickling, titanium dioxide production, petroleum refining, and hydrometallurgy. The waste liquids discharged from these fields have high acid content and contain heavy metals or organic impurities. The midstream is the core of the industry chain, involving waste acid treatment technology and equipment suppliers (such as roasting, membrane separation, and ion exchange) and third-party waste acid treatment service providers responsible for the collection, purification, and regeneration of waste acid. Downstream, the recycled acid can be reused in the original production line, achieving a closed-loop cycle.

From an industry-wide perspective, this is no longer simply a matter of meeting environmental standards, but rather a core link in the closed-loop industrial chain of basic industries such as chemicals, steel, and electroplating. With the evolution of technology, the industry is undergoing a profound transformation from traditional physical concentration to high-purity regeneration, multi-component separation, and

+357 96 030922
info@marketpublishers.com

intelligent integrated equipment, with its economic value and ecological significance becoming increasingly intertwined.

The primary driver of this industry's rapid growth stems from the stringent policy constraints: increasingly stringent environmental inspections and the implementation of 'zero-emission' policies, forcing companies to abandon traditional high-cost neutralization and disposal solutions and instead seek recycling technologies with resource reuse capabilities. Meanwhile, the structural increase in resource costs has also played a key economic driving role: the large amount of metal salts and acidic components contained in waste acid can be recycled and reused in the process, significantly reducing raw material procurement costs. This endogenous economic benefit of 'turning waste into treasure' is extremely attractive in a market environment with fluctuating acid prices. In addition, the mature application of membrane integration technology, low-temperature vacuum evaporation, and resin adsorption processes has solved the technical bottlenecks of low recycling efficiency and heavy secondary pollution in the past, providing technical support for large-scale industrial promotion.

This report studies the global Waste Acid Recycling demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Waste Acid Recycling, 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 Waste Acid Recycling that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Waste Acid Recycling total market, 2021-2032, (USD Million)
Global Waste Acid Recycling total market by region & country, CAGR, 2021-2032, (USD Million)
U.S. VS China: Waste Acid Recycling total market, key domestic companies, and share, (USD Million)
Global Waste Acid Recycling revenue by player, revenue and market share 2021-2026, (USD Million)
Global Waste Acid Recycling total market by Type, CAGR, 2021-2032, (USD Million)
Global Waste Acid Recycling total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Waste Acid Recycling market based on

+357 96 030922
info@marketpublishers.com

the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Topsoe, Elessent Clean Technologies, PP Industries, ANDRITZ, Tenova, SMS group, John Cockerill, GMM Pfaudler, Kovalus Separation Solutions, Proses Makina, 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 Waste Acid Recycling market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), by player, by regions, 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 Waste Acid Recycling Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Waste Acid Recycling Market, Segmentation by Type:

+357 96 030922
info@marketpublishers.com

Waste Sulfuric Acid

Waste Hydrochloric Acid

Waste Nitric Acid

Waste Phosphoric Acid

Global Waste Acid Recycling Market, Segmentation by Processes:

Ion Exchange Resin Method

Diffusion Dialysis Method

Calcination Method

Evaporation and Concentration Method

Other

Global Waste Acid Recycling Market, Segmentation by Business Model:

On-site

Off-site

Global Waste Acid Recycling Market, Segmentation by Application:

Non-ferrous Metal Industry

Petrochemical Industry

Organic Chemical Industry

Steel Industry

+357 96 030922
info@marketpublishers.com

Titanium Dioxide Industry

Others

Companies Profiled:

Topsoe

Elessent Clean Technologies

PP Industries

ANDRITZ

Tenova

SMS group

John Cockerill

GMM Pfaudler

Kovalus Separation Solutions

Proses Makina

Mech-Chem Associates

ASTOM

Veolia

Steuler

Bertrams Chemical Plants

Shandong Tianwei Membrane Technology

+357 96 030922
info@marketpublishers.com

Harbin Boao Environmental Technology

Keysino Separation Technology

Huaxi Chemical

Keyon Process

3R Environmental Technology

Key Questions Answered

1. How big is the global Waste Acid Recycling market?
2. What is the demand of the global Waste Acid Recycling market?
3. What is the year over year growth of the global Waste Acid Recycling market?
4. What is the total value of the global Waste Acid Recycling market?
5. Who are the Major Players in the global Waste Acid Recycling market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

8 MARKET ANALYSIS BY APPLICATION

9 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Waste Acid Recycling Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GD6A235ACD31EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GD6A235ACD31EN.html