

Hydrazine Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/H5C4E35D927DEN.html>

Date: October 2022

Pages: 142

Price: US\$ 2,499.00 (Single User License)

ID: H5C4E35D927DEN

Abstracts

The global hydrazine market size reached US\$ 447.1 Million in 2021. Looking forward, IMARC Group expects the market to reach US\$ 668.4 Million by 2027, exhibiting a growth rate (CAGR) of 7.03% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Hydrazine (N_2H_4) is a highly reactive base and reducing agent produced from ammonia molecules. Its derivatives exhibit antidepressant properties as they inhibit monoamine oxidase (MAO), which is an enzyme catalyzing the deamination and inactivation of stimulatory neurotransmitters, such as norepinephrine and dopamine. As a result, hydrazine finds extensive applications in the pharmaceutical sector for manufacturing drugs. It is also used in agricultural pesticides, chemical blowing agents, photography chemicals, textile dyes, boiler water treatment for corrosion protection, and as fuel for rockets and spacecraft around the world.

Hydrazine Market Trends:

One of the primary factors driving the market is the employment of hydrazine in different industry verticals. For instance, it functions as an agent for many transition metals and non-metals, such as arsenic, selenium, and tellurium, and uranium and plutonium. It is also used as a corrosion inhibitor in boiler feedwater and reactor cooling water.

Moreover, the growing emphasis on upgrading existing wastewater treatment plants due to the limited availability of potable water, rising environmental concerns and increasing awareness about the harmful impacts of drinking contaminated water is contributing to the market growth. Other significant uses of hydrazine include redox reactions, polymerization catalyst, nuclear fuel reprocessing, metal electrolytic plating

on glass and plastics and a scavenger for gases. Apart from this, rapid urbanization, rising global population, changing climatic conditions, and declining arable land area are resulting in the increasing shortage of food and demand for pesticides in the agriculture industry, which is impelling the market growth. Furthermore, due to stringent governmental policies on the utilization of exhaustible fuels, the use of hydrazine is increasing for reducing carbon emissions in the environment.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global hydrazine market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type, application and end use industry.

Breakup by Type:

- Hydrazine Hydrate
- Hydrazine Nitrate
- Hydrazine Sulfate
- Others

Breakup by Application:

- Corrosion Inhibitor
- Medicinal Ingredients
- Precursor to Pesticides
- Blowing Agents
- Others

Breakup by End Use Industry:

- Pharmaceuticals
- Agrochemicals
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Acuro Organics Limited, Arkema, Arrow Fine Chemicals, Finetech Industry Limited, Japan Finechem Inc (Mitsubishi Gas Chemical Company Inc.), Lanxess AG, Lonza Group AG, Merck KGaA, Nippon Carbide Industries Co. Inc., Otsuka-MGC Chemical Company Inc (Otsuka Chemical Co. Ltd.), Tokyo Chemical Industry Co. Ltd and Weifang Yaxing Chemical Co. Ltd.

Key Questions Answered in This Report:

How has the global hydrazine market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global hydrazine market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end use industry?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global hydrazine market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL HYDRAZINE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Hydrazine Hydrate
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Hydrazine Nitrate
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Hydrazine Sulfate

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Corrosion Inhibitor
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Medicinal Ingredients
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Precursor to Pesticides
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Blowing Agents
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

- 8.1 Pharmaceuticals
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Agrochemicals
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Others
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Acuro Organics Limited
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Arkema
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Arrow Fine Chemicals
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Finetech Industry Limited
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Japan Finechem Inc (Mitsubishi Gas Chemical Company Inc.)
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Lanxess AG
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
 - 14.3.7 Lonza Group AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials

- 14.3.7.4 SWOT Analysis
- 14.3.8 Merck KGaA
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Nippon Carbide Industries Co. Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
- 14.3.10 Otsuka-MGC Chemical Company Inc (Otsuka Chemical Co. Ltd.)
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Tokyo Chemical Industry Co. Ltd
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Weifang Yaxing Chemical Co. Ltd
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Hydrazine Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Hydrazine Market Forecast: Breakup by Type (in Million US\$), 2022-2027

Table 3: Global: Hydrazine Market Forecast: Breakup by Application (in Million US\$), 2022-2027

Table 4: Global: Hydrazine Market Forecast: Breakup by End Use Industry (in Million US\$), 2022-2027

Table 5: Global: Hydrazine Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Hydrazine Market: Competitive Structure

Table 7: Global: Hydrazine Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Hydrazine Market: Major Drivers and Challenges

Figure 2: Global: Hydrazine Market: Sales Value (in Million US\$), 2016-2021

Figure 3: Global: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 4: Global: Hydrazine Market: Breakup by Type (in %), 2021

Figure 5: Global: Hydrazine Market: Breakup by Application (in %), 2021

Figure 6: Global: Hydrazine Market: Breakup by End Use Industry (in %), 2021

Figure 7: Global: Hydrazine Market: Breakup by Region (in %), 2021

Figure 8: Global: Hydrazine (Hydrazine Hydrate) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Hydrazine (Hydrazine Hydrate) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Hydrazine (Hydrazine Nitrate) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Hydrazine (Hydrazine Nitrate) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Hydrazine (Hydrazine Sulfate) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Hydrazine (Hydrazine Sulfate) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Hydrazine (Other Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Hydrazine (Other Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Hydrazine (Corrosion Inhibitor) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Hydrazine (Corrosion Inhibitor) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Hydrazine (Medicinal Ingredients) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Hydrazine (Medicinal Ingredients) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Hydrazine (Precursor to Pesticides) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Hydrazine (Precursor to Pesticides) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Hydrazine (Blowing Agents) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Hydrazine (Blowing Agents) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Hydrazine (Other Applications) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Hydrazine (Other Applications) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Hydrazine (Pharmaceuticals) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Hydrazine (Pharmaceuticals) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Hydrazine (Agrochemicals) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Hydrazine (Agrochemicals) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: Global: Hydrazine (Other End Use Industries) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: Global: Hydrazine (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: North America: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: North America: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: United States: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: United States: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Canada: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Canada: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Asia-Pacific: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: Asia-Pacific: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: China: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: China: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: Japan: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: Japan: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: India: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: India: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: South Korea: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: South Korea: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Australia: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Australia: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Indonesia: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Indonesia: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Others: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Others: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Europe: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Europe: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: Germany: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: Germany: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: France: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: France: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: United Kingdom: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: United Kingdom: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Italy: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Italy: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Spain: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Spain: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Russia: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Russia: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Others: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Others: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Latin America: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Latin America: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Brazil: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Brazil: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Mexico: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Mexico: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Others: Hydrazine Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Others: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 78: Middle East and Africa: Hydrazine Market: Sales Value (in Million US\$), 2016

& 2021

Figure 79: Middle East and Africa: Hydrazine Market: Breakup by Country (in %), 2021

Figure 80: Middle East and Africa: Hydrazine Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 81: Global: Hydrazine Industry: SWOT Analysis

Figure 82: Global: Hydrazine Industry: Value Chain Analysis

Figure 83: Global: Hydrazine Industry: Porter's Five Forces Analysis

I would like to order

Product name: Hydrazine Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/H5C4E35D927DEN.html>

Price: US\$ 2,499.00 (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/H5C4E35D927DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

