

# **Hydrazine Market Report by Type (Hydrazine Hydrate, Hydrazine Nitrate, Hydrazine Sulfate, and Others), Application (Corrosion Inhibitor, Medicinal Ingredients, Precursor to Pesticides, Blowing Agents, and Others), End Use Industry (Pharmaceuticals, Agrochemicals, and Others), and Region 2023-2028**

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## **Abstracts**

The global hydrazine market size reached US\$ 478.1 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 719.5 Million by 2028, exhibiting a growth rate (CAGR) of 7.05% during 2022-2028.

Hydrazine (N<sub>2</sub>H<sub>4</sub>) 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 2023-2028. 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

1. What was the size of the global hydrazine market in 2022?
2. What is the expected growth rate of the global hydrazine market during 2023-2028?
3. What has been the impact of COVID-19 on the global hydrazine market?
4. What are the key factors driving the global hydrazine market?

5. What is the breakup of the global hydrazine market based on the type?
6. What is the breakup of the global hydrazine market based on the application?
7. What is the breakup of the global hydrazine market based on the end use industry?
8. What are the key regions in the global hydrazine market?
9. Who are the key players/companies in the global hydrazine market?

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