

# Global Eco-friendly Gold Beneficiation Agent Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GA7747B6FAA5EN.html>

Date: January 2026

Pages: 116

Price: US\$ 4,480.00 (Single User License)

ID: GA7747B6FAA5EN

## Abstracts

The global Eco-friendly Gold Beneficiation Agent market size is expected to reach \$ 739 million by 2032, rising at a market growth of 5.7% CAGR during the forecast period (2026-2032).

In 2025, global sales of environmentally friendly gold beneficiation agents reached 239,000 tons, with an average price of US\$2,014 per ton.

Environmentally friendly gold beneficiation agents are green chemical agents that replace highly toxic cyanide. They are used to efficiently and safely extract gold from ores or electronic waste. This is mainly achieved through various cyanide-free or low-cyanide formulations. They have advantages such as low toxicity, environmental friendliness, high efficiency (rapid leaching), simple operation (no complex approvals/special protection required), and strong adaptability (able to handle difficult-to-leach ores). They are widely used in gold mining and precious metal recovery, achieving a win-win situation for both economic and environmental benefits. Mainstream 'environmentally friendly, low-toxicity cyanide-based' products use bulk chemicals such as urea, cyanuric acid, soda ash, ferrous sulfate, and ammonium sulfate as raw materials. These are synthesized into polycyanamide sodium through melting at 250–400 °C. The raw material cost is approximately RMB 3,000–4,000 per ton. The total factory cost after processing, granulation, and packaging is RMB 4,500–5,500 per ton, with a gross profit margin of 25–35%. This is significantly lower than the final price of sodium cyanide, but eliminates the hidden costs of RMB 1,000–1,500 per ton for highly toxic substances, including security, emergency response, and detoxification. Overall, the ore beneficiation cost is the same or slightly lower.

This report studies the global Eco-friendly Gold Beneficiation Agent production,

demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Eco-friendly Gold Beneficiation Agent 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 Eco-friendly Gold Beneficiation Agent that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Eco-friendly Gold Beneficiation Agent total production and demand, 2021-2032, (Tons)

Global Eco-friendly Gold Beneficiation Agent total production value, 2021-2032, (USD Million)

Global Eco-friendly Gold Beneficiation Agent production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Eco-friendly Gold Beneficiation Agent consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Eco-friendly Gold Beneficiation Agent domestic production, consumption, key domestic manufacturers and share

Global Eco-friendly Gold Beneficiation Agent production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Eco-friendly Gold Beneficiation Agent production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Eco-friendly Gold Beneficiation Agent production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Eco-friendly Gold Beneficiation Agent market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nouryon, Arkema, Evonik, BASF,

Ecolab, Nasaco, Eco-Goldex, Guangxi Senhe High Technology, Henan Lvjin Mining Technology, Henan Tianzhishui Chemical, 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 Eco-friendly Gold Beneficiation Agent market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, 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 Eco-friendly Gold Beneficiation Agent Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Eco-friendly Gold Beneficiation Agent Market, Segmentation by Type:

Environmentally Friendly Cyanide Reagents

## Non-Cyanide Reagents

Global Eco-friendly Gold Beneficiation Agent Market, Segmentation by Commodity Form:

Solid Powder/Particles

Liquid Concentrate

Global Eco-friendly Gold Beneficiation Agent Market, Segmentation by Chemical Composition:

Organic Cyanide Complexes

Cyanide-Free Small Molecule Reagents

Others

Global Eco-friendly Gold Beneficiation Agent Market, Segmentation by Application:

Oxidized Ore Type

Primary/Sulfide Ore Type

Carbon-Bearing/Arsenic-Bearing Refractory Ore Type

Companies Profiled:

Nouryon

Arkema

Evonik

BASF

Ecolab

Nasaco

Eco-Goldex

Guangxi Senhe High Technology

Henan Lvjin Mining Technology

Henan Tianzhishui Chemical

Guangxi Dishengjin Chemical

Sandiross

Shenyang Jinyao Environmental Protection Technology

Shanxi Hongsheng Chemical

### **Key Questions Answered:**

1. How big is the global Eco-friendly Gold Beneficiation Agent market?
2. What is the demand of the global Eco-friendly Gold Beneficiation Agent market?
3. What is the year over year growth of the global Eco-friendly Gold Beneficiation Agent market?
4. What is the production and production value of the global Eco-friendly Gold Beneficiation Agent market?
5. Who are the key producers in the global Eco-friendly Gold Beneficiation Agent market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Eco-friendly Gold Beneficiation Agent Introduction
- 1.2 World Eco-friendly Gold Beneficiation Agent Supply & Forecast
  - 1.2.1 World Eco-friendly Gold Beneficiation Agent Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.2.3 World Eco-friendly Gold Beneficiation Agent Pricing Trends (2021-2032)
- 1.3 World Eco-friendly Gold Beneficiation Agent Production by Region (Based on Production Site)
  - 1.3.1 World Eco-friendly Gold Beneficiation Agent Production Value by Region (2021-2032)
  - 1.3.2 World Eco-friendly Gold Beneficiation Agent Production by Region (2021-2032)
  - 1.3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Region (2021-2032)
  - 1.3.4 North America Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.3.5 Europe Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.3.6 China Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.3.7 Japan Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.3.8 India Eco-friendly Gold Beneficiation Agent Production (2021-2032)
  - 1.3.9 Southeast Asia Eco-friendly Gold Beneficiation Agent Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Eco-friendly Gold Beneficiation Agent Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Eco-friendly Gold Beneficiation Agent Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Eco-friendly Gold Beneficiation Agent Demand (2021-2032)
- 2.2 World Eco-friendly Gold Beneficiation Agent Consumption by Region
  - 2.2.1 World Eco-friendly Gold Beneficiation Agent Consumption by Region (2021-2026)
  - 2.2.2 World Eco-friendly Gold Beneficiation Agent Consumption Forecast by Region (2027-2032)
- 2.3 United States Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)
- 2.4 China Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)
- 2.5 Europe Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)

- 2.6 Japan Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)
- 2.7 South Korea Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)
- 2.8 ASEAN Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)
- 2.9 India Eco-friendly Gold Beneficiation Agent Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Eco-friendly Gold Beneficiation Agent Production Value by Manufacturer (2021-2026)
- 3.2 World Eco-friendly Gold Beneficiation Agent Production by Manufacturer (2021-2026)
- 3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Manufacturer (2021-2026)
- 3.4 Eco-friendly Gold Beneficiation Agent Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Eco-friendly Gold Beneficiation Agent Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Eco-friendly Gold Beneficiation Agent in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Eco-friendly Gold Beneficiation Agent in 2025
- 3.6 Eco-friendly Gold Beneficiation Agent Market: Overall Company Footprint Analysis
  - 3.6.1 Eco-friendly Gold Beneficiation Agent Market: Region Footprint
  - 3.6.2 Eco-friendly Gold Beneficiation Agent Market: Company Product Type Footprint
  - 3.6.3 Eco-friendly Gold Beneficiation Agent Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Eco-friendly Gold Beneficiation Agent Production Value Comparison
  - 4.1.1 United States VS China: Eco-friendly Gold Beneficiation Agent Production Value Comparison (2021 & 2025 & 2032)

- 4.1.2 United States VS China: Eco-friendly Gold Beneficiation Agent Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Eco-friendly Gold Beneficiation Agent Production Comparison
  - 4.2.1 United States VS China: Eco-friendly Gold Beneficiation Agent Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Eco-friendly Gold Beneficiation Agent Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Eco-friendly Gold Beneficiation Agent Consumption Comparison
  - 4.3.1 United States VS China: Eco-friendly Gold Beneficiation Agent Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Eco-friendly Gold Beneficiation Agent Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Eco-friendly Gold Beneficiation Agent Manufacturers and Market Share, 2021-2026
  - 4.4.1 United States Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (States, Country)
  - 4.4.2 United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value (2021-2026)
  - 4.4.3 United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production (2021-2026)
- 4.5 China Based Eco-friendly Gold Beneficiation Agent Manufacturers and Market Share
  - 4.5.1 China Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (Province, Country)
  - 4.5.2 China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value (2021-2026)
  - 4.5.3 China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production (2021-2026)
- 4.6 Rest of World Based Eco-friendly Gold Beneficiation Agent Manufacturers and Market Share, 2021-2026
  - 4.6.1 Rest of World Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (State, Country)
  - 4.6.2 Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value (2021-2026)
  - 4.6.3 Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Eco-friendly Gold Beneficiation Agent Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Environmentally Friendly Cyanide Reagents

5.2.2 Non-Cyanide Reagents

5.3 Market Segment by Type

5.3.1 World Eco-friendly Gold Beneficiation Agent Production by Type (2021-2032)

5.3.2 World Eco-friendly Gold Beneficiation Agent Production Value by Type (2021-2032)

5.3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY COMMODITY FORM**

6.1 World Eco-friendly Gold Beneficiation Agent Market Size Overview by Commodity Form: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Commodity Form

6.2.1 Solid Powder/Particles

6.2.2 Liquid Concentrate

6.3 Market Segment by Commodity Form

6.3.1 World Eco-friendly Gold Beneficiation Agent Production by Commodity Form (2021-2032)

6.3.2 World Eco-friendly Gold Beneficiation Agent Production Value by Commodity Form (2021-2032)

6.3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Commodity Form (2021-2032)

## **7 MARKET ANALYSIS BY CHEMICAL COMPOSITION**

7.1 World Eco-friendly Gold Beneficiation Agent Market Size Overview by Chemical Composition: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Chemical Composition

7.2.1 Organic Cyanide Complexes

7.2.2 Cyanide-Free Small Molecule Reagents

7.2.3 Others

7.3 Market Segment by Chemical Composition

7.3.1 World Eco-friendly Gold Beneficiation Agent Production by Chemical Composition (2021-2032)

7.3.2 World Eco-friendly Gold Beneficiation Agent Production Value by Chemical Composition (2021-2032)

7.3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Chemical Composition (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Eco-friendly Gold Beneficiation Agent Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Oxidized Ore Type

8.2.2 Primary/Sulfide Ore Type

8.2.3 Carbon-Bearing/Arsenic-Bearing Refractory Ore Type

8.3 Market Segment by Application

8.3.1 World Eco-friendly Gold Beneficiation Agent Production by Application (2021-2032)

8.3.2 World Eco-friendly Gold Beneficiation Agent Production Value by Application (2021-2032)

8.3.3 World Eco-friendly Gold Beneficiation Agent Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Nouryon

9.1.1 Nouryon Details

9.1.2 Nouryon Major Business

9.1.3 Nouryon Eco-friendly Gold Beneficiation Agent Product and Services

9.1.4 Nouryon Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Nouryon Recent Developments/Updates

9.1.6 Nouryon Competitive Strengths & Weaknesses

9.2 Arkema

9.2.1 Arkema Details

9.2.2 Arkema Major Business

9.2.3 Arkema Eco-friendly Gold Beneficiation Agent Product and Services

9.2.4 Arkema Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Arkema Recent Developments/Updates

9.2.6 Arkema Competitive Strengths & Weaknesses

### 9.3 Evonik

#### 9.3.1 Evonik Details

#### 9.3.2 Evonik Major Business

#### 9.3.3 Evonik Eco-friendly Gold Beneficiation Agent Product and Services

#### 9.3.4 Evonik Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.3.5 Evonik Recent Developments/Updates

#### 9.3.6 Evonik Competitive Strengths & Weaknesses

### 9.4 BASF

#### 9.4.1 BASF Details

#### 9.4.2 BASF Major Business

#### 9.4.3 BASF Eco-friendly Gold Beneficiation Agent Product and Services

#### 9.4.4 BASF Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.4.5 BASF Recent Developments/Updates

#### 9.4.6 BASF Competitive Strengths & Weaknesses

### 9.5 Ecolab

#### 9.5.1 Ecolab Details

#### 9.5.2 Ecolab Major Business

#### 9.5.3 Ecolab Eco-friendly Gold Beneficiation Agent Product and Services

#### 9.5.4 Ecolab Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.5.5 Ecolab Recent Developments/Updates

#### 9.5.6 Ecolab Competitive Strengths & Weaknesses

### 9.6 Nasaco

#### 9.6.1 Nasaco Details

#### 9.6.2 Nasaco Major Business

#### 9.6.3 Nasaco Eco-friendly Gold Beneficiation Agent Product and Services

#### 9.6.4 Nasaco Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.6.5 Nasaco Recent Developments/Updates

#### 9.6.6 Nasaco Competitive Strengths & Weaknesses

### 9.7 Eco-Goldex

#### 9.7.1 Eco-Goldex Details

#### 9.7.2 Eco-Goldex Major Business

#### 9.7.3 Eco-Goldex Eco-friendly Gold Beneficiation Agent Product and Services

#### 9.7.4 Eco-Goldex Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.7.5 Eco-Goldex Recent Developments/Updates

- 9.7.6 Eco-Goldex Competitive Strengths & Weaknesses
- 9.8 Guangxi Senhe High Technology
  - 9.8.1 Guangxi Senhe High Technology Details
  - 9.8.2 Guangxi Senhe High Technology Major Business
  - 9.8.3 Guangxi Senhe High Technology Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.8.4 Guangxi Senhe High Technology Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 Guangxi Senhe High Technology Recent Developments/Updates
  - 9.8.6 Guangxi Senhe High Technology Competitive Strengths & Weaknesses
- 9.9 Henan Lvjin Mining Technology
  - 9.9.1 Henan Lvjin Mining Technology Details
  - 9.9.2 Henan Lvjin Mining Technology Major Business
  - 9.9.3 Henan Lvjin Mining Technology Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.9.4 Henan Lvjin Mining Technology Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.9.5 Henan Lvjin Mining Technology Recent Developments/Updates
  - 9.9.6 Henan Lvjin Mining Technology Competitive Strengths & Weaknesses
- 9.10 Henan Tianzhishui Chemical
  - 9.10.1 Henan Tianzhishui Chemical Details
  - 9.10.2 Henan Tianzhishui Chemical Major Business
  - 9.10.3 Henan Tianzhishui Chemical Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.10.4 Henan Tianzhishui Chemical Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 Henan Tianzhishui Chemical Recent Developments/Updates
  - 9.10.6 Henan Tianzhishui Chemical Competitive Strengths & Weaknesses
- 9.11 Guangxi Dishengjin Chemical
  - 9.11.1 Guangxi Dishengjin Chemical Details
  - 9.11.2 Guangxi Dishengjin Chemical Major Business
  - 9.11.3 Guangxi Dishengjin Chemical Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.11.4 Guangxi Dishengjin Chemical Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.11.5 Guangxi Dishengjin Chemical Recent Developments/Updates
  - 9.11.6 Guangxi Dishengjin Chemical Competitive Strengths & Weaknesses
- 9.12 Sandioss
  - 9.12.1 Sandioss Details

- 9.12.2 Sandioss Major Business
- 9.12.3 Sandioss Eco-friendly Gold Beneficiation Agent Product and Services
- 9.12.4 Sandioss Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.12.5 Sandioss Recent Developments/Updates
- 9.12.6 Sandioss Competitive Strengths & Weaknesses
- 9.13 Shenyang Jinyao Environmental Protection Technology
  - 9.13.1 Shenyang Jinyao Environmental Protection Technology Details
  - 9.13.2 Shenyang Jinyao Environmental Protection Technology Major Business
  - 9.13.3 Shenyang Jinyao Environmental Protection Technology Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.13.4 Shenyang Jinyao Environmental Protection Technology Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.13.5 Shenyang Jinyao Environmental Protection Technology Recent Developments/Updates
  - 9.13.6 Shenyang Jinyao Environmental Protection Technology Competitive Strengths & Weaknesses
- 9.14 Shanxi Hongsheng Chemical
  - 9.14.1 Shanxi Hongsheng Chemical Details
  - 9.14.2 Shanxi Hongsheng Chemical Major Business
  - 9.14.3 Shanxi Hongsheng Chemical Eco-friendly Gold Beneficiation Agent Product and Services
  - 9.14.4 Shanxi Hongsheng Chemical Eco-friendly Gold Beneficiation Agent Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.14.5 Shanxi Hongsheng Chemical Recent Developments/Updates
  - 9.14.6 Shanxi Hongsheng Chemical Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Eco-friendly Gold Beneficiation Agent Industry Chain
- 10.2 Eco-friendly Gold Beneficiation Agent Upstream Analysis
  - 10.2.1 Eco-friendly Gold Beneficiation Agent Core Raw Materials
  - 10.2.2 Main Manufacturers of Eco-friendly Gold Beneficiation Agent Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Eco-friendly Gold Beneficiation Agent Production Mode
- 10.6 Eco-friendly Gold Beneficiation Agent Procurement Model

## 10.7 Eco-friendly Gold Beneficiation Agent Industry Sales Model and Sales Channels

### 10.7.1 Eco-friendly Gold Beneficiation Agent Sales Model

### 10.7.2 Eco-friendly Gold Beneficiation Agent Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

### 12.1 Methodology

### 12.2 Research Process and Data Source

### 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Eco-friendly Gold Beneficiation Agent Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Eco-friendly Gold Beneficiation Agent Production Value by Region (2021-2026) & (USD Million)

Table 3. World Eco-friendly Gold Beneficiation Agent Production Value by Region (2027-2032) & (USD Million)

Table 4. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Region (2021-2026)

Table 5. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Region (2027-2032)

Table 6. World Eco-friendly Gold Beneficiation Agent Production by Region (2021-2026) & (Tons)

Table 7. World Eco-friendly Gold Beneficiation Agent Production by Region (2027-2032) & (Tons)

Table 8. World Eco-friendly Gold Beneficiation Agent Production Market Share by Region (2021-2026)

Table 9. World Eco-friendly Gold Beneficiation Agent Production Market Share by Region (2027-2032)

Table 10. World Eco-friendly Gold Beneficiation Agent Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Eco-friendly Gold Beneficiation Agent Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Eco-friendly Gold Beneficiation Agent Major Market Trends

Table 13. World Eco-friendly Gold Beneficiation Agent Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Eco-friendly Gold Beneficiation Agent Consumption by Region (2021-2026) & (Tons)

Table 15. World Eco-friendly Gold Beneficiation Agent Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Eco-friendly Gold Beneficiation Agent Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Eco-friendly Gold Beneficiation Agent Producers in 2025

Table 18. World Eco-friendly Gold Beneficiation Agent Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Eco-friendly Gold Beneficiation Agent Producers in 2025

Table 20. World Eco-friendly Gold Beneficiation Agent Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Eco-friendly Gold Beneficiation Agent Company Evaluation Quadrant

Table 22. World Eco-friendly Gold Beneficiation Agent Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Eco-friendly Gold Beneficiation Agent Production Site of Key Manufacturer

Table 24. Eco-friendly Gold Beneficiation Agent Market: Company Product Type Footprint

Table 25. Eco-friendly Gold Beneficiation Agent Market: Company Product Application Footprint

Table 26. Eco-friendly Gold Beneficiation Agent Competitive Factors

Table 27. Eco-friendly Gold Beneficiation Agent New Entrant and Capacity Expansion Plans

Table 28. Eco-friendly Gold Beneficiation Agent Mergers & Acquisitions Activity

Table 29. United States VS China Eco-friendly Gold Beneficiation Agent Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Eco-friendly Gold Beneficiation Agent Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Eco-friendly Gold Beneficiation Agent Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share (2021-2026)

Table 37. China Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value Market Share (2021-2026)

- Table 40. China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production, (2021-2026) & (Tons)
- Table 41. China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share (2021-2026)
- Table 42. Rest of World Based Eco-friendly Gold Beneficiation Agent Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production, (2021-2026) & (Tons)
- Table 46. Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share (2021-2026)
- Table 47. World Eco-friendly Gold Beneficiation Agent Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 48. World Eco-friendly Gold Beneficiation Agent Production by Type (2021-2026) & (Tons)
- Table 49. World Eco-friendly Gold Beneficiation Agent Production by Type (2027-2032) & (Tons)
- Table 50. World Eco-friendly Gold Beneficiation Agent Production Value by Type (2021-2026) & (USD Million)
- Table 51. World Eco-friendly Gold Beneficiation Agent Production Value by Type (2027-2032) & (USD Million)
- Table 52. World Eco-friendly Gold Beneficiation Agent Average Price by Type (2021-2026) & (US\$/Ton)
- Table 53. World Eco-friendly Gold Beneficiation Agent Average Price by Type (2027-2032) & (US\$/Ton)
- Table 54. World Eco-friendly Gold Beneficiation Agent Production Value by Commodity Form, (USD Million), 2021 & 2025 & 2032
- Table 55. World Eco-friendly Gold Beneficiation Agent Production by Commodity Form (2021-2026) & (Tons)
- Table 56. World Eco-friendly Gold Beneficiation Agent Production by Commodity Form (2027-2032) & (Tons)
- Table 57. World Eco-friendly Gold Beneficiation Agent Production Value by Commodity Form (2021-2026) & (USD Million)
- Table 58. World Eco-friendly Gold Beneficiation Agent Production Value by Commodity Form (2027-2032) & (USD Million)
- Table 59. World Eco-friendly Gold Beneficiation Agent Average Price by Commodity

Form (2021-2026) & (US\$/Ton)

Table 60. World Eco-friendly Gold Beneficiation Agent Average Price by Commodity Form (2027-2032) & (US\$/Ton)

Table 61. World Eco-friendly Gold Beneficiation Agent Production Value by Chemical Composition, (USD Million), 2021 & 2025 & 2032

Table 62. World Eco-friendly Gold Beneficiation Agent Production by Chemical Composition (2021-2026) & (Tons)

Table 63. World Eco-friendly Gold Beneficiation Agent Production by Chemical Composition (2027-2032) & (Tons)

Table 64. World Eco-friendly Gold Beneficiation Agent Production Value by Chemical Composition (2021-2026) & (USD Million)

Table 65. World Eco-friendly Gold Beneficiation Agent Production Value by Chemical Composition (2027-2032) & (USD Million)

Table 66. World Eco-friendly Gold Beneficiation Agent Average Price by Chemical Composition (2021-2026) & (US\$/Ton)

Table 67. World Eco-friendly Gold Beneficiation Agent Average Price by Chemical Composition (2027-2032) & (US\$/Ton)

Table 68. World Eco-friendly Gold Beneficiation Agent Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Eco-friendly Gold Beneficiation Agent Production by Application (2021-2026) & (Tons)

Table 70. World Eco-friendly Gold Beneficiation Agent Production by Application (2027-2032) & (Tons)

Table 71. World Eco-friendly Gold Beneficiation Agent Production Value by Application (2021-2026) & (USD Million)

Table 72. World Eco-friendly Gold Beneficiation Agent Production Value by Application (2027-2032) & (USD Million)

Table 73. World Eco-friendly Gold Beneficiation Agent Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Eco-friendly Gold Beneficiation Agent Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Nouryon Basic Information, Manufacturing Base and Competitors

Table 76. Nouryon Major Business

Table 77. Nouryon Eco-friendly Gold Beneficiation Agent Product and Services

Table 78. Nouryon Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Nouryon Recent Developments/Updates

Table 80. Nouryon Competitive Strengths & Weaknesses

- Table 81. Arkema Basic Information, Manufacturing Base and Competitors
- Table 82. Arkema Major Business
- Table 83. Arkema Eco-friendly Gold Beneficiation Agent Product and Services
- Table 84. Arkema Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Arkema Recent Developments/Updates
- Table 86. Arkema Competitive Strengths & Weaknesses
- Table 87. Evonik Basic Information, Manufacturing Base and Competitors
- Table 88. Evonik Major Business
- Table 89. Evonik Eco-friendly Gold Beneficiation Agent Product and Services
- Table 90. Evonik Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Evonik Recent Developments/Updates
- Table 92. Evonik Competitive Strengths & Weaknesses
- Table 93. BASF Basic Information, Manufacturing Base and Competitors
- Table 94. BASF Major Business
- Table 95. BASF Eco-friendly Gold Beneficiation Agent Product and Services
- Table 96. BASF Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. BASF Recent Developments/Updates
- Table 98. BASF Competitive Strengths & Weaknesses
- Table 99. Ecolab Basic Information, Manufacturing Base and Competitors
- Table 100. Ecolab Major Business
- Table 101. Ecolab Eco-friendly Gold Beneficiation Agent Product and Services
- Table 102. Ecolab Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Ecolab Recent Developments/Updates
- Table 104. Ecolab Competitive Strengths & Weaknesses
- Table 105. Nasaco Basic Information, Manufacturing Base and Competitors
- Table 106. Nasaco Major Business
- Table 107. Nasaco Eco-friendly Gold Beneficiation Agent Product and Services
- Table 108. Nasaco Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Nasaco Recent Developments/Updates

Table 110. Nasaco Competitive Strengths & Weaknesses

Table 111. Eco-Goldex Basic Information, Manufacturing Base and Competitors

Table 112. Eco-Goldex Major Business

Table 113. Eco-Goldex Eco-friendly Gold Beneficiation Agent Product and Services

Table 114. Eco-Goldex Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Eco-Goldex Recent Developments/Updates

Table 116. Eco-Goldex Competitive Strengths & Weaknesses

Table 117. Guangxi Senhe High Technology Basic Information, Manufacturing Base and Competitors

Table 118. Guangxi Senhe High Technology Major Business

Table 119. Guangxi Senhe High Technology Eco-friendly Gold Beneficiation Agent Product and Services

Table 120. Guangxi Senhe High Technology Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Guangxi Senhe High Technology Recent Developments/Updates

Table 122. Guangxi Senhe High Technology Competitive Strengths & Weaknesses

Table 123. Henan Lvjin Mining Technology Basic Information, Manufacturing Base and Competitors

Table 124. Henan Lvjin Mining Technology Major Business

Table 125. Henan Lvjin Mining Technology Eco-friendly Gold Beneficiation Agent Product and Services

Table 126. Henan Lvjin Mining Technology Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Henan Lvjin Mining Technology Recent Developments/Updates

Table 128. Henan Lvjin Mining Technology Competitive Strengths & Weaknesses

Table 129. Henan Tianzhishui Chemical Basic Information, Manufacturing Base and Competitors

Table 130. Henan Tianzhishui Chemical Major Business

Table 131. Henan Tianzhishui Chemical Eco-friendly Gold Beneficiation Agent Product and Services

Table 132. Henan Tianzhishui Chemical Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Henan Tianzhishui Chemical Recent Developments/Updates

Table 134. Henan Tianzhishui Chemical Competitive Strengths & Weaknesses

Table 135. Guangxi Dishengjin Chemical Basic Information, Manufacturing Base and Competitors

Table 136. Guangxi Dishengjin Chemical Major Business

Table 137. Guangxi Dishengjin Chemical Eco-friendly Gold Beneficiation Agent Product and Services

Table 138. Guangxi Dishengjin Chemical Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Guangxi Dishengjin Chemical Recent Developments/Updates

Table 140. Guangxi Dishengjin Chemical Competitive Strengths & Weaknesses

Table 141. Sandioss Basic Information, Manufacturing Base and Competitors

Table 142. Sandioss Major Business

Table 143. Sandioss Eco-friendly Gold Beneficiation Agent Product and Services

Table 144. Sandioss Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Sandioss Recent Developments/Updates

Table 146. Sandioss Competitive Strengths & Weaknesses

Table 147. Shenyang Jinyao Environmental Protection Technology Basic Information, Manufacturing Base and Competitors

Table 148. Shenyang Jinyao Environmental Protection Technology Major Business

Table 149. Shenyang Jinyao Environmental Protection Technology Eco-friendly Gold Beneficiation Agent Product and Services

Table 150. Shenyang Jinyao Environmental Protection Technology Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Shenyang Jinyao Environmental Protection Technology Recent Developments/Updates

Table 152. Shenyang Jinyao Environmental Protection Technology Competitive Strengths & Weaknesses

Table 153. Shanxi Hongsheng Chemical Basic Information, Manufacturing Base and Competitors

Table 154. Shanxi Hongsheng Chemical Major Business

Table 155. Shanxi Hongsheng Chemical Eco-friendly Gold Beneficiation Agent Product and Services

Table 156. Shanxi Hongsheng Chemical Eco-friendly Gold Beneficiation Agent Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Shanxi Hongsheng Chemical Recent Developments/Updates

Table 158. Shanxi Hongsheng Chemical Competitive Strengths & Weaknesses

Table 159. Global Key Players of Eco-friendly Gold Beneficiation Agent Upstream (Raw Materials)

Table 160. Global Eco-friendly Gold Beneficiation Agent Typical Customers

Table 161. Eco-friendly Gold Beneficiation Agent Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Eco-friendly Gold Beneficiation Agent Picture

Figure 2. World Eco-friendly Gold Beneficiation Agent Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Eco-friendly Gold Beneficiation Agent Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 5. World Eco-friendly Gold Beneficiation Agent Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Region (2021-2032)

Figure 7. World Eco-friendly Gold Beneficiation Agent Production Market Share by Region (2021-2032)

Figure 8. North America Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 9. Europe Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 10. China Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 11. Japan Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 12. India Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 13. Southeast Asia Eco-friendly Gold Beneficiation Agent Production (2021-2032) & (Tons)

Figure 14. Eco-friendly Gold Beneficiation Agent Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 17. World Eco-friendly Gold Beneficiation Agent Consumption Market Share by Region (2021-2032)

Figure 18. United States Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 19. China Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 20. Europe Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 21. Japan Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 22. South Korea Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 23. ASEAN Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 24. India Eco-friendly Gold Beneficiation Agent Consumption (2021-2032) & (Tons)

Figure 25. Producer Shipments of Eco-friendly Gold Beneficiation Agent by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Eco-friendly Gold Beneficiation Agent Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Eco-friendly Gold Beneficiation Agent Markets in 2025

Figure 28. United States VS China: Eco-friendly Gold Beneficiation Agent Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Eco-friendly Gold Beneficiation Agent Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Eco-friendly Gold Beneficiation Agent Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share 2025

Figure 32. China Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Eco-friendly Gold Beneficiation Agent Production Market Share 2025

Figure 34. World Eco-friendly Gold Beneficiation Agent Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Type in 2025

Figure 36. Environmentally Friendly Cyanide Reagents

Figure 37. Non-Cyanide Reagents

Figure 38. World Eco-friendly Gold Beneficiation Agent Production Market Share by Type (2021-2032)

Figure 39. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Type (2021-2032)

Figure 40. World Eco-friendly Gold Beneficiation Agent Average Price by Type (2021-2032) & (US\$/Ton)

Figure 41. World Eco-friendly Gold Beneficiation Agent Production Value by Commodity

Form, (USD Million), 2021 & 2025 & 2032

Figure 42. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Commodity Form in 2025

Figure 43. Solid Powder/Particles

Figure 44. Liquid Concentrate

Figure 45. World Eco-friendly Gold Beneficiation Agent Production Market Share by Commodity Form (2021-2032)

Figure 46. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Commodity Form (2021-2032)

Figure 47. World Eco-friendly Gold Beneficiation Agent Average Price by Commodity Form (2021-2032) & (US\$/Ton)

Figure 48. World Eco-friendly Gold Beneficiation Agent Production Value by Chemical Composition, (USD Million), 2021 & 2025 & 2032

Figure 49. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Chemical Composition in 2025

Figure 50. Organic Cyanide Complexes

Figure 51. Cyanide-Free Small Molecule Reagents

Figure 52. Others

Figure 53. World Eco-friendly Gold Beneficiation Agent Production Market Share by Chemical Composition (2021-2032)

Figure 54. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Chemical Composition (2021-2032)

Figure 55. World Eco-friendly Gold Beneficiation Agent Average Price by Chemical Composition (2021-2032) & (US\$/Ton)

Figure 56. World Eco-friendly Gold Beneficiation Agent Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Application in 2025

Figure 58. Oxidized Ore Type

Figure 59. Primary/Sulfide Ore Type

Figure 60. Carbon-Bearing/Arsenic-Bearing Refractory Ore Type

Figure 61. World Eco-friendly Gold Beneficiation Agent Production Market Share by Application (2021-2032)

Figure 62. World Eco-friendly Gold Beneficiation Agent Production Value Market Share by Application (2021-2032)

Figure 63. World Eco-friendly Gold Beneficiation Agent Average Price by Application (2021-2032) & (US\$/Ton)

Figure 64. Eco-friendly Gold Beneficiation Agent Industry Chain

Figure 65. Eco-friendly Gold Beneficiation Agent Procurement Model

Figure 66. Eco-friendly Gold Beneficiation Agent Sales Model

Figure 67. Eco-friendly Gold Beneficiation Agent Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

## I would like to order

Product name: Global Eco-friendly Gold Beneficiation Agent Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GA7747B6FAA5EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA7747B6FAA5EN.html>