

# Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G779E07E8905EN.html

Date: July 2023 Pages: 101 Price: US\$ 3,480.00 (Single User License) ID: G779E07E8905EN

# **Abstracts**

According to our (Global Info Research) latest study, the global Carbonyl Sulfide Hydrolyzing Agent market size was valued at USD 4424.5 million in 2022 and is forecast to a readjusted size of USD 6879 million by 2029 with a CAGR of 6.5% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The carbonyl sulfide hydrolysis agent uses activated alumina as a carrier and adds alkaline active components. It is suitable for removing carbonyl sulfide in liquid phase.

This report is a detailed and comprehensive analysis for global Carbonyl Sulfide Hydrolyzing Agent market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Carbonyl Sulfide Hydrolyzing Agent market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Carbonyl Sulfide Hydrolyzing Agent market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling



prices (US\$/Ton), 2018-2029

Global Carbonyl Sulfide Hydrolyzing Agent market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Carbonyl Sulfide Hydrolyzing Agent market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Carbonyl Sulfide Hydrolyzing Agent

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Carbonyl Sulfide Hydrolyzing 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 AlzChem, SMS Group, Johoku Chemical, XGChem and Tecnosulfur, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Carbonyl Sulfide Hydrolyzing Agent market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Room Temperature Type

Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecas...



#### Medium Temperature Type

High Temperature Type

Market segment by Application

Petrochemical Refinery

Coal Chemical Industry

Oilfield

Major players covered

AlzChem

SMS Group

Johoku Chemical

XGChem

Tecnosulfur

**Ube Material Industries** 

Carburo del Cinca

Beijing Haixin Energy Technology

TOPSOE

Clariant

Market segment by region, regional analysis covers

Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecas...



North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Carbonyl Sulfide Hydrolyzing Agent product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbonyl Sulfide Hydrolyzing Agent, with price, sales, revenue and global market share of Carbonyl Sulfide Hydrolyzing Agent from 2018 to 2023.

Chapter 3, the Carbonyl Sulfide Hydrolyzing Agent competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Carbonyl Sulfide Hydrolyzing Agent breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Carbonyl Sulfide Hydrolyzing Agent market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.



Chapter 13, the key raw materials and key suppliers, and industry chain of Carbonyl Sulfide Hydrolyzing Agent.

Chapter 14 and 15, to describe Carbonyl Sulfide Hydrolyzing Agent sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Carbonyl Sulfide Hydrolyzing Agent

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Room Temperature Type

1.3.3 Medium Temperature Type

1.3.4 High Temperature Type

1.4 Market Analysis by Application

1.4.1 Overview: Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Petrochemical Refinery

1.4.3 Coal Chemical Industry

1.4.4 Oilfield

1.5 Global Carbonyl Sulfide Hydrolyzing Agent Market Size & Forecast

1.5.1 Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (2018-2029)

1.5.3 Global Carbonyl Sulfide Hydrolyzing Agent Average Price (2018-2029)

#### **2 MANUFACTURERS PROFILES**

2.1 AlzChem

2.1.1 AlzChem Details

2.1.2 AlzChem Major Business

2.1.3 AlzChem Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.1.4 AlzChem Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 AlzChem Recent Developments/Updates

2.2 SMS Group

2.2.1 SMS Group Details

2.2.2 SMS Group Major Business

2.2.3 SMS Group Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.2.4 SMS Group Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)



- 2.2.5 SMS Group Recent Developments/Updates
- 2.3 Johoku Chemical
  - 2.3.1 Johoku Chemical Details
  - 2.3.2 Johoku Chemical Major Business
  - 2.3.3 Johoku Chemical Carbonyl Sulfide Hydrolyzing Agent Product and Services
- 2.3.4 Johoku Chemical Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average
- Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.3.5 Johoku Chemical Recent Developments/Updates

2.4 XGChem

- 2.4.1 XGChem Details
- 2.4.2 XGChem Major Business
- 2.4.3 XGChem Carbonyl Sulfide Hydrolyzing Agent Product and Services
- 2.4.4 XGChem Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,
- Revenue, Gross Margin and Market Share (2018-2023)
- 2.4.5 XGChem Recent Developments/Updates

2.5 Tecnosulfur

- 2.5.1 Tecnosulfur Details
- 2.5.2 Tecnosulfur Major Business
- 2.5.3 Tecnosulfur Carbonyl Sulfide Hydrolyzing Agent Product and Services
- 2.5.4 Tecnosulfur Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Tecnosulfur Recent Developments/Updates

2.6 Ube Material Industries

- 2.6.1 Ube Material Industries Details
- 2.6.2 Ube Material Industries Major Business
- 2.6.3 Ube Material Industries Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.6.4 Ube Material Industries Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Ube Material Industries Recent Developments/Updates

2.7 Carburo del Cinca

- 2.7.1 Carburo del Cinca Details
- 2.7.2 Carburo del Cinca Major Business
- 2.7.3 Carburo del Cinca Carbonyl Sulfide Hydrolyzing Agent Product and Services
- 2.7.4 Carburo del Cinca Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.7.5 Carburo del Cinca Recent Developments/Updates
- 2.8 Beijing Haixin Energy Technology
  - 2.8.1 Beijing Haixin Energy Technology Details



2.8.2 Beijing Haixin Energy Technology Major Business

2.8.3 Beijing Haixin Energy Technology Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.8.4 Beijing Haixin Energy Technology Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Beijing Haixin Energy Technology Recent Developments/Updates 2.9 TOPSOE

2.9.1 TOPSOE Details

2.9.2 TOPSOE Major Business

2.9.3 TOPSOE Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.9.4 TOPSOE Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 TOPSOE Recent Developments/Updates

2.10 Clariant

2.10.1 Clariant Details

2.10.2 Clariant Major Business

2.10.3 Clariant Carbonyl Sulfide Hydrolyzing Agent Product and Services

2.10.4 Clariant Carbonyl Sulfide Hydrolyzing Agent Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Clariant Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: CARBONYL SULFIDE HYDROLYZING AGENT BY MANUFACTURER

3.1 Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Manufacturer (2018-2023)

3.2 Global Carbonyl Sulfide Hydrolyzing Agent Revenue by Manufacturer (2018-2023)3.3 Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Carbonyl Sulfide Hydrolyzing Agent by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Carbonyl Sulfide Hydrolyzing Agent Manufacturer Market Share in 2022
3.4.2 Top 6 Carbonyl Sulfide Hydrolyzing Agent Manufacturer Market Share in 2022
3.5 Carbonyl Sulfide Hydrolyzing Agent Market: Overall Company Footprint Analysis
3.5.1 Carbonyl Sulfide Hydrolyzing Agent Market: Region Footprint

3.5.2 Carbonyl Sulfide Hydrolyzing Agent Market: Company Product Type Footprint

3.5.3 Carbonyl Sulfide Hydrolyzing Agent Market: Company Product Application Footprint



3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### 4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Carbonyl Sulfide Hydrolyzing Agent Market Size by Region

4.1.1 Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2018-2029)

4.1.2 Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2018-2029)

4.1.3 Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Region (2018-2029)

4.2 North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029)

4.3 Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029)

4.4 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029)

4.5 South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029)

4.6 Middle East and Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029)

# 5 MARKET SEGMENT BY TYPE

5.1 Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)5.2 Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type (2018-2029)

5.3 Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Type (2018-2029)

# 6 MARKET SEGMENT BY APPLICATION

6.1 Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

6.2 Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application (2018-2029)

6.3 Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Application (2018-2029)

# 7 NORTH AMERICA

7.1 North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)

Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecas..



7.2 North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

7.3 North America Carbonyl Sulfide Hydrolyzing Agent Market Size by Country

7.3.1 North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2029)

7.3.2 North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

# 8 EUROPE

8.1 Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)

8.2 Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

8.3 Europe Carbonyl Sulfide Hydrolyzing Agent Market Size by Country

8.3.1 Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2029)

8.3.2 Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

# 9 ASIA-PACIFIC

9.1 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Market Size by Region

9.3.1 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)



- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

#### **10 SOUTH AMERICA**

10.1 South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)

10.2 South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

10.3 South America Carbonyl Sulfide Hydrolyzing Agent Market Size by Country

10.3.1 South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2029)

10.3.2 South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

#### 11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Market Size by Country

11.3.1 Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

#### **12 MARKET DYNAMICS**

12.1 Carbonyl Sulfide Hydrolyzing Agent Market Drivers

Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecas.



- 12.2 Carbonyl Sulfide Hydrolyzing Agent Market Restraints
- 12.3 Carbonyl Sulfide Hydrolyzing Agent Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

#### **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Carbonyl Sulfide Hydrolyzing Agent and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Carbonyl Sulfide Hydrolyzing Agent
- 13.3 Carbonyl Sulfide Hydrolyzing Agent Production Process
- 13.4 Carbonyl Sulfide Hydrolyzing Agent Industrial Chain

#### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Carbonyl Sulfide Hydrolyzing Agent Typical Distributors
- 14.3 Carbonyl Sulfide Hydrolyzing Agent Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. AlzChem Basic Information, Manufacturing Base and Competitors

Table 4. AlzChem Major Business

Table 5. AlzChem Carbonyl Sulfide Hydrolyzing Agent Product and Services

 Table 6. AlzChem Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average

Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. AlzChem Recent Developments/Updates

 Table 8. SMS Group Basic Information, Manufacturing Base and Competitors

 Table 9. SMS Group Major Business

Table 10. SMS Group Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 11. SMS Group Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. SMS Group Recent Developments/Updates

Table 13. Johoku Chemical Basic Information, Manufacturing Base and Competitors

Table 14. Johoku Chemical Major Business

Table 15. Johoku Chemical Carbonyl Sulfide Hydrolyzing Agent Product and Services Table 16. Johoku Chemical Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Johoku Chemical Recent Developments/Updates

 Table 18. XGChem Basic Information, Manufacturing Base and Competitors

Table 19. XGChem Major Business

Table 20. XGChem Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 21. XGChem Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average

Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. XGChem Recent Developments/Updates

 Table 23. Tecnosulfur Basic Information, Manufacturing Base and Competitors

Table 24. Tecnosulfur Major Business

 Table 25. Tecnosulfur Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 26. Tecnosulfur Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share



(2018-2023)

Table 27. Tecnosulfur Recent Developments/Updates

Table 28. Ube Material Industries Basic Information, Manufacturing Base and Competitors

Table 29. Ube Material Industries Major Business

Table 30. Ube Material Industries Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 31. Ube Material Industries Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Ube Material Industries Recent Developments/Updates

Table 33. Carburo del Cinca Basic Information, Manufacturing Base and CompetitorsTable 34. Carburo del Cinca Major Business

Table 35. Carburo del Cinca Carbonyl Sulfide Hydrolyzing Agent Product and Services Table 36. Carburo del Cinca Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Carburo del Cinca Recent Developments/Updates

Table 38. Beijing Haixin Energy Technology Basic Information, Manufacturing Base and Competitors

Table 39. Beijing Haixin Energy Technology Major Business

Table 40. Beijing Haixin Energy Technology Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 41. Beijing Haixin Energy Technology Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Beijing Haixin Energy Technology Recent Developments/Updates

Table 43. TOPSOE Basic Information, Manufacturing Base and Competitors

Table 44. TOPSOE Major Business

 Table 45. TOPSOE Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 46. TOPSOE Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average

Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 47. TOPSOE Recent Developments/Updates

 Table 48. Clariant Basic Information, Manufacturing Base and Competitors

Table 49. Clariant Major Business

Table 50. Clariant Carbonyl Sulfide Hydrolyzing Agent Product and Services

Table 51. Clariant Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 52. Clariant Recent Developments/Updates



Table 53. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 54. Global Carbonyl Sulfide Hydrolyzing Agent Revenue by Manufacturer (2018-2023) & (USD Million)

Table 55. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 56. Market Position of Manufacturers in Carbonyl Sulfide Hydrolyzing Agent, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 57. Head Office and Carbonyl Sulfide Hydrolyzing Agent Production Site of Key Manufacturer

Table 58. Carbonyl Sulfide Hydrolyzing Agent Market: Company Product Type Footprint Table 59. Carbonyl Sulfide Hydrolyzing Agent Market: Company Product Application Footprint

Table 60. Carbonyl Sulfide Hydrolyzing Agent New Market Entrants and Barriers to Market Entry

Table 61. Carbonyl Sulfide Hydrolyzing Agent Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2018-2023) & (Tons)

Table 63. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2024-2029) & (Tons)

Table 64. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2018-2023) & (USD Million)

Table 65. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2024-2029) & (USD Million)

Table 66. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Region (2018-2023) & (US\$/Ton)

Table 67. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Region (2024-2029) & (US\$/Ton)

Table 68. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 69. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 70. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type(2018-2023) & (USD Million)

Table 71. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type(2024-2029) & (USD Million)

Table 72. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Type (2018-2023) & (US\$/Ton)



Table 73. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Type (2024-2029) & (US\$/Ton)

Table 74. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 75. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 76. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application (2018-2023) & (USD Million)

Table 77. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application (2024-2029) & (USD Million)

Table 78. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Application (2018-2023) & (US\$/Ton)

Table 79. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Application (2024-2029) & (US\$/Ton)

Table 80. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 81. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 82. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 83. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 84. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2023) & (Tons)

Table 85. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2024-2029) & (Tons)

Table 86. North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2023) & (USD Million)

Table 87. North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2024-2029) & (USD Million)

Table 88. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 89. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 90. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 91. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 92. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country



(2018-2023) & (Tons)

Table 93. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2024-2029) & (Tons)

Table 94. Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2023) & (USD Million)

Table 95. Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2024-2029) & (USD Million)

Table 96. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 97. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 98. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 99. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 100. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2018-2023) & (Tons)

Table 101. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2024-2029) & (Tons)

Table 102. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2018-2023) & (USD Million)

Table 103. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2024-2029) & (USD Million)

Table 104. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 105. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 106. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 107. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 108. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2018-2023) & (Tons)

Table 109. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Country (2024-2029) & (Tons)

Table 110. South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2018-2023) & (USD Million)

Table 111. South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Country (2024-2029) & (USD Million)



Table 112. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2018-2023) & (Tons)

Table 113. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Type (2024-2029) & (Tons)

Table 114. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2018-2023) & (Tons)

Table 115. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Application (2024-2029) & (Tons)

Table 116. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2018-2023) & (Tons)

Table 117. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity by Region (2024-2029) & (Tons)

Table 118. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent ConsumptionValue by Region (2018-2023) & (USD Million)

Table 119. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Region (2024-2029) & (USD Million)

 Table 120. Carbonyl Sulfide Hydrolyzing Agent Raw Material

Table 121. Key Manufacturers of Carbonyl Sulfide Hydrolyzing Agent Raw Materials

Table 122. Carbonyl Sulfide Hydrolyzing Agent Typical Distributors

Table 123. Carbonyl Sulfide Hydrolyzing Agent Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Carbonyl Sulfide Hydrolyzing Agent Picture

Figure 2. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Type in 2022

Figure 4. Room Temperature Type Examples

Figure 5. Medium Temperature Type Examples

Figure 6. High Temperature Type Examples

Figure 7. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Application in 2022

Figure 9. Petrochemical Refinery Examples

Figure 10. Coal Chemical Industry Examples

Figure 11. Oilfield Examples

Figure 12. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value, (USD

Million): 2018 & 2022 & 2029

Figure 13. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity (2018-2029) & (Tons)

Figure 15. Global Carbonyl Sulfide Hydrolyzing Agent Average Price (2018-2029) & (US\$/Ton)

Figure 16. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Carbonyl Sulfide Hydrolyzing Agent by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Carbonyl Sulfide Hydrolyzing Agent Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Carbonyl Sulfide Hydrolyzing Agent Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Region (2018-2029)



Figure 22. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Type (2018-2029) & (US\$/Ton)

Figure 31. Global Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Carbonyl Sulfide Hydrolyzing Agent Average Price by Application (2018-2029) & (US\$/Ton)

Figure 34. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by



Type (2018-2029)

Figure 42. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Region (2018-2029)

Figure 54. China Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Type (2018-2029)



Figure 61. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Carbonyl Sulfide Hydrolyzing Agent Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Carbonyl Sulfide Hydrolyzing Agent Market Drivers

- Figure 75. Carbonyl Sulfide Hydrolyzing Agent Market Restraints
- Figure 76. Carbonyl Sulfide Hydrolyzing Agent Market Trends
- Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Carbonyl Sulfide Hydrolyzing Agent in 2022

- Figure 79. Manufacturing Process Analysis of Carbonyl Sulfide Hydrolyzing Agent
- Figure 80. Carbonyl Sulfide Hydrolyzing Agent Industrial Chain
- Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology
- Figure 85. Research Process and Data Source



#### I would like to order

Product name: Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G779E07E8905EN.html

Price: US\$ 3,480.00 (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 <u>https://marketpublishers.com/r/G779E07E8905EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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



Global Carbonyl Sulfide Hydrolyzing Agent Market 2023 by Manufacturers, Regions, Type and Application, Forecas...