

Global Phase Change Coolant for Packaging Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G43E6598EBE8EN.html>

Date: February 2023

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: G43E6598EBE8EN

Abstracts

When substances change phase, thermal energy is absorbed and released (known as latent heat). When a solid material melts, it transforms into a liquid. Many materials have the ability to absorb a large quantity of heat energy during the phase transition. When a substance freezes and solidifies, the heat it received while melting is released. At different temperatures, different materials melt and solidify, and they may absorb varying amounts of heat energy. Because phase change materials melt and solidify at precise, specified temperatures, they can be used to control the temperature in a wide range of applications.

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

Phase Change Coolants are passive thermal energy storage materials used in the thermal packaging industry to maintain a temperature-sensitive product within the manufacturer's required temperature range during all transportation phases (i.e. from manufacture to end user).

This report is a detailed and comprehensive analysis for global Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging market size and forecasts, in consumption value (\$ Million), sales quantity (Ton), and average selling prices (US\$/Ton), 2018-2029

Global Phase Change Coolant for Packaging market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Ton), and average selling prices (US\$/Ton), 2018-2029

Global Phase Change Coolant for Packaging market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Ton), and average selling prices (US\$/Ton), 2018-2029

Global Phase Change Coolant for Packaging market shares of main players, shipments in revenue (\$ Million), sales quantity (Ton), 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 Phase Change Coolant for Packaging

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 Phase Change Coolant for Packaging 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 Cold Ice, Polar Tech Industries, Cold Chain Technologies, Croda International and Hydropac Ltd, 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

Phase Change Coolant for Packaging 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

Organic Phase Change Materials

Inorganic Phase Change Materials

Market segment by Application

Food Transport Package

Biochemical Drug Transport Package

Major players covered

Cold Ice

Polar Tech Industries

Cold Chain Technologies

Croda International

Hydropac Ltd

Cryopak

Hebei Benzhuang Chemical Co.Ltd.

Chengdu Xinhaihui Biotechnology Co.Ltd.

Shanghai Wenkang Industrial Co.Ltd.

Phase Change Material

Nantong Haochuan Industry and Trade Co.Ltd.

Shanghai Joule Wax Industry Co.Ltd.

Market segment by region, regional analysis covers

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 Phase Change Coolant for Packaging product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Phase Change Coolant for Packaging, with price, sales, revenue and global market share of Phase Change Coolant for Packaging from 2018 to 2023.

Chapter 3, the Phase Change Coolant for Packaging competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging.

Chapter 14 and 15, to describe Phase Change Coolant for Packaging sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Phase Change Coolant for Packaging
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Phase Change Coolant for Packaging Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Organic Phase Change Materials
 - 1.3.3 Inorganic Phase Change Materials
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Phase Change Coolant for Packaging Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Food Transport Package
 - 1.4.3 Biochemical Drug Transport Package
- 1.5 Global Phase Change Coolant for Packaging Market Size & Forecast
 - 1.5.1 Global Phase Change Coolant for Packaging Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Phase Change Coolant for Packaging Sales Quantity (2018-2029)
 - 1.5.3 Global Phase Change Coolant for Packaging Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Cold Ice
 - 2.1.1 Cold Ice Details
 - 2.1.2 Cold Ice Major Business
 - 2.1.3 Cold Ice Phase Change Coolant for Packaging Product and Services
 - 2.1.4 Cold Ice Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Cold Ice Recent Developments/Updates
- 2.2 Polar Tech Industries
 - 2.2.1 Polar Tech Industries Details
 - 2.2.2 Polar Tech Industries Major Business
 - 2.2.3 Polar Tech Industries Phase Change Coolant for Packaging Product and Services
 - 2.2.4 Polar Tech Industries Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Polar Tech Industries Recent Developments/Updates

2.3 Cold Chain Technologies

2.3.1 Cold Chain Technologies Details

2.3.2 Cold Chain Technologies Major Business

2.3.3 Cold Chain Technologies Phase Change Coolant for Packaging Product and Services

2.3.4 Cold Chain Technologies Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Cold Chain Technologies Recent Developments/Updates

2.4 Croda International

2.4.1 Croda International Details

2.4.2 Croda International Major Business

2.4.3 Croda International Phase Change Coolant for Packaging Product and Services

2.4.4 Croda International Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Croda International Recent Developments/Updates

2.5 Hydropac Ltd

2.5.1 Hydropac Ltd Details

2.5.2 Hydropac Ltd Major Business

2.5.3 Hydropac Ltd Phase Change Coolant for Packaging Product and Services

2.5.4 Hydropac Ltd Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Hydropac Ltd Recent Developments/Updates

2.6 Cryopak

2.6.1 Cryopak Details

2.6.2 Cryopak Major Business

2.6.3 Cryopak Phase Change Coolant for Packaging Product and Services

2.6.4 Cryopak Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Cryopak Recent Developments/Updates

2.7 Hebei Benzhuang Chemical Co.Ltd.

2.7.1 Hebei Benzhuang Chemical Co.Ltd. Details

2.7.2 Hebei Benzhuang Chemical Co.Ltd. Major Business

2.7.3 Hebei Benzhuang Chemical Co.Ltd. Phase Change Coolant for Packaging Product and Services

2.7.4 Hebei Benzhuang Chemical Co.Ltd. Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Hebei Benzhuang Chemical Co.Ltd. Recent Developments/Updates

2.8 Chengdu Xinhaihui Biotechnology Co.Ltd.

2.8.1 Chengdu Xinhaihui Biotechnology Co.Ltd. Details

- 2.8.2 Chengdu Xinhaihui Biotechnology Co.Ltd. Major Business
- 2.8.3 Chengdu Xinhaihui Biotechnology Co.Ltd. Phase Change Coolant for Packaging Product and Services
- 2.8.4 Chengdu Xinhaihui Biotechnology Co.Ltd. Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Chengdu Xinhaihui Biotechnology Co.Ltd. Recent Developments/Updates
- 2.9 Shanghai Wenkang Industrial Co.Ltd.
 - 2.9.1 Shanghai Wenkang Industrial Co.Ltd. Details
 - 2.9.2 Shanghai Wenkang Industrial Co.Ltd. Major Business
 - 2.9.3 Shanghai Wenkang Industrial Co.Ltd. Phase Change Coolant for Packaging Product and Services
 - 2.9.4 Shanghai Wenkang Industrial Co.Ltd. Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Shanghai Wenkang Industrial Co.Ltd. Recent Developments/Updates
- 2.10 Phase Change Material
 - 2.10.1 Phase Change Material Details
 - 2.10.2 Phase Change Material Major Business
 - 2.10.3 Phase Change Material Phase Change Coolant for Packaging Product and Services
 - 2.10.4 Phase Change Material Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Phase Change Material Recent Developments/Updates
- 2.11 Nantong Haochuan Industry and Trade Co.Ltd.
 - 2.11.1 Nantong Haochuan Industry and Trade Co.Ltd. Details
 - 2.11.2 Nantong Haochuan Industry and Trade Co.Ltd. Major Business
 - 2.11.3 Nantong Haochuan Industry and Trade Co.Ltd. Phase Change Coolant for Packaging Product and Services
 - 2.11.4 Nantong Haochuan Industry and Trade Co.Ltd. Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Nantong Haochuan Industry and Trade Co.Ltd. Recent Developments/Updates
- 2.12 Shanghai Joule Wax Industry Co.Ltd.
 - 2.12.1 Shanghai Joule Wax Industry Co.Ltd. Details
 - 2.12.2 Shanghai Joule Wax Industry Co.Ltd. Major Business
 - 2.12.3 Shanghai Joule Wax Industry Co.Ltd. Phase Change Coolant for Packaging Product and Services
 - 2.12.4 Shanghai Joule Wax Industry Co.Ltd. Phase Change Coolant for Packaging Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 Shanghai Joule Wax Industry Co.Ltd. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PHASE CHANGE COOLANT FOR PACKAGING BY MANUFACTURER

3.1 Global Phase Change Coolant for Packaging Sales Quantity by Manufacturer (2018-2023)

3.2 Global Phase Change Coolant for Packaging Revenue by Manufacturer (2018-2023)

3.3 Global Phase Change Coolant for Packaging Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Phase Change Coolant for Packaging by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Phase Change Coolant for Packaging Manufacturer Market Share in 2022

3.4.2 Top 6 Phase Change Coolant for Packaging Manufacturer Market Share in 2022

3.5 Phase Change Coolant for Packaging Market: Overall Company Footprint Analysis

3.5.1 Phase Change Coolant for Packaging Market: Region Footprint

3.5.2 Phase Change Coolant for Packaging Market: Company Product Type Footprint

3.5.3 Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Market Size by Region

4.1.1 Global Phase Change Coolant for Packaging Sales Quantity by Region (2018-2029)

4.1.2 Global Phase Change Coolant for Packaging Consumption Value by Region (2018-2029)

4.1.3 Global Phase Change Coolant for Packaging Average Price by Region (2018-2029)

4.2 North America Phase Change Coolant for Packaging Consumption Value (2018-2029)

4.3 Europe Phase Change Coolant for Packaging Consumption Value (2018-2029)

4.4 Asia-Pacific Phase Change Coolant for Packaging Consumption Value (2018-2029)

4.5 South America Phase Change Coolant for Packaging Consumption Value (2018-2029)

4.6 Middle East and Africa Phase Change Coolant for Packaging Consumption Value

(2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Phase Change Coolant for Packaging Sales Quantity by Type (2018-2029)

5.2 Global Phase Change Coolant for Packaging Consumption Value by Type
(2018-2029)

5.3 Global Phase Change Coolant for Packaging Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Phase Change Coolant for Packaging Sales Quantity by Application
(2018-2029)

6.2 Global Phase Change Coolant for Packaging Consumption Value by Application
(2018-2029)

6.3 Global Phase Change Coolant for Packaging Average Price by Application
(2018-2029)

7 NORTH AMERICA

7.1 North America Phase Change Coolant for Packaging Sales Quantity by Type
(2018-2029)

7.2 North America Phase Change Coolant for Packaging Sales Quantity by Application
(2018-2029)

7.3 North America Phase Change Coolant for Packaging Market Size by Country

7.3.1 North America Phase Change Coolant for Packaging Sales Quantity by Country
(2018-2029)

7.3.2 North America Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Sales Quantity by Type (2018-2029)

8.2 Europe Phase Change Coolant for Packaging Sales Quantity by Application
(2018-2029)

8.3 Europe Phase Change Coolant for Packaging Market Size by Country

8.3.1 Europe Phase Change Coolant for Packaging Sales Quantity by Country (2018-2029)

8.3.2 Europe Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Phase Change Coolant for Packaging Market Size by Region

9.3.1 Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Sales Quantity by Type (2018-2029)

10.2 South America Phase Change Coolant for Packaging Sales Quantity by Application (2018-2029)

10.3 South America Phase Change Coolant for Packaging Market Size by Country

10.3.1 South America Phase Change Coolant for Packaging Sales Quantity by Country (2018-2029)

10.3.2 South America Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Phase Change Coolant for Packaging Market Size by Country
 - 11.3.1 Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Market Drivers
- 12.2 Phase Change Coolant for Packaging Market Restraints
- 12.3 Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Phase Change Coolant for Packaging
- 13.3 Phase Change Coolant for Packaging Production Process

13.4 Phase Change Coolant for Packaging Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Phase Change Coolant for Packaging Typical Distributors

14.3 Phase Change Coolant for Packaging 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 Phase Change Coolant for Packaging Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Phase Change Coolant for Packaging Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Cold Ice Basic Information, Manufacturing Base and Competitors

Table 4. Cold Ice Major Business

Table 5. Cold Ice Phase Change Coolant for Packaging Product and Services

Table 6. Cold Ice Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Cold Ice Recent Developments/Updates

Table 8. Polar Tech Industries Basic Information, Manufacturing Base and Competitors

Table 9. Polar Tech Industries Major Business

Table 10. Polar Tech Industries Phase Change Coolant for Packaging Product and Services

Table 11. Polar Tech Industries Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Polar Tech Industries Recent Developments/Updates

Table 13. Cold Chain Technologies Basic Information, Manufacturing Base and Competitors

Table 14. Cold Chain Technologies Major Business

Table 15. Cold Chain Technologies Phase Change Coolant for Packaging Product and Services

Table 16. Cold Chain Technologies Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Cold Chain Technologies Recent Developments/Updates

Table 18. Croda International Basic Information, Manufacturing Base and Competitors

Table 19. Croda International Major Business

Table 20. Croda International Phase Change Coolant for Packaging Product and Services

Table 21. Croda International Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Croda International Recent Developments/Updates

Table 23. Hydropac Ltd Basic Information, Manufacturing Base and Competitors

Table 24. Hydropac Ltd Major Business

Table 25. Hydropac Ltd Phase Change Coolant for Packaging Product and Services

Table 26. Hydropac Ltd Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Hydropac Ltd Recent Developments/Updates

Table 28. Cryopak Basic Information, Manufacturing Base and Competitors

Table 29. Cryopak Major Business

Table 30. Cryopak Phase Change Coolant for Packaging Product and Services

Table 31. Cryopak Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Cryopak Recent Developments/Updates

Table 33. Hebei Benzhuang Chemical Co.Ltd. Basic Information, Manufacturing Base and Competitors

Table 34. Hebei Benzhuang Chemical Co.Ltd. Major Business

Table 35. Hebei Benzhuang Chemical Co.Ltd. Phase Change Coolant for Packaging Product and Services

Table 36. Hebei Benzhuang Chemical Co.Ltd. Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Hebei Benzhuang Chemical Co.Ltd. Recent Developments/Updates

Table 38. Chengdu Xinhaihui Biotechnology Co.Ltd. Basic Information, Manufacturing Base and Competitors

Table 39. Chengdu Xinhaihui Biotechnology Co.Ltd. Major Business

Table 40. Chengdu Xinhaihui Biotechnology Co.Ltd. Phase Change Coolant for Packaging Product and Services

Table 41. Chengdu Xinhaihui Biotechnology Co.Ltd. Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Chengdu Xinhaihui Biotechnology Co.Ltd. Recent Developments/Updates

Table 43. Shanghai Wenkang Industrial Co.Ltd. Basic Information, Manufacturing Base and Competitors

Table 44. Shanghai Wenkang Industrial Co.Ltd. Major Business

Table 45. Shanghai Wenkang Industrial Co.Ltd. Phase Change Coolant for Packaging Product and Services

Table 46. Shanghai Wenkang Industrial Co.Ltd. Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 47. Shanghai Wenkang Industrial Co.Ltd. Recent Developments/Updates
- Table 48. Phase Change Material Basic Information, Manufacturing Base and Competitors
- Table 49. Phase Change Material Major Business
- Table 50. Phase Change Material Phase Change Coolant for Packaging Product and Services
- Table 51. Phase Change Material Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Phase Change Material Recent Developments/Updates
- Table 53. Nantong Haochuan Industry and Trade Co.Ltd. Basic Information, Manufacturing Base and Competitors
- Table 54. Nantong Haochuan Industry and Trade Co.Ltd. Major Business
- Table 55. Nantong Haochuan Industry and Trade Co.Ltd. Phase Change Coolant for Packaging Product and Services
- Table 56. Nantong Haochuan Industry and Trade Co.Ltd. Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Nantong Haochuan Industry and Trade Co.Ltd. Recent Developments/Updates
- Table 58. Shanghai Joule Wax Industry Co.Ltd. Basic Information, Manufacturing Base and Competitors
- Table 59. Shanghai Joule Wax Industry Co.Ltd. Major Business
- Table 60. Shanghai Joule Wax Industry Co.Ltd. Phase Change Coolant for Packaging Product and Services
- Table 61. Shanghai Joule Wax Industry Co.Ltd. Phase Change Coolant for Packaging Sales Quantity (Ton), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Shanghai Joule Wax Industry Co.Ltd. Recent Developments/Updates
- Table 63. Global Phase Change Coolant for Packaging Sales Quantity by Manufacturer (2018-2023) & (Ton)
- Table 64. Global Phase Change Coolant for Packaging Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 65. Global Phase Change Coolant for Packaging Average Price by Manufacturer (2018-2023) & (US\$/Ton)
- Table 66. Market Position of Manufacturers in Phase Change Coolant for Packaging, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 67. Head Office and Phase Change Coolant for Packaging Production Site of Key Manufacturer

Table 68. Phase Change Coolant for Packaging Market: Company Product Type Footprint

Table 69. Phase Change Coolant for Packaging Market: Company Product Application Footprint

Table 70. Phase Change Coolant for Packaging New Market Entrants and Barriers to Market Entry

Table 71. Phase Change Coolant for Packaging Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Phase Change Coolant for Packaging Sales Quantity by Region (2018-2023) & (Ton)

Table 73. Global Phase Change Coolant for Packaging Sales Quantity by Region (2024-2029) & (Ton)

Table 74. Global Phase Change Coolant for Packaging Consumption Value by Region (2018-2023) & (USD Million)

Table 75. Global Phase Change Coolant for Packaging Consumption Value by Region (2024-2029) & (USD Million)

Table 76. Global Phase Change Coolant for Packaging Average Price by Region (2018-2023) & (US\$/Ton)

Table 77. Global Phase Change Coolant for Packaging Average Price by Region (2024-2029) & (US\$/Ton)

Table 78. Global Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 79. Global Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 80. Global Phase Change Coolant for Packaging Consumption Value by Type (2018-2023) & (USD Million)

Table 81. Global Phase Change Coolant for Packaging Consumption Value by Type (2024-2029) & (USD Million)

Table 82. Global Phase Change Coolant for Packaging Average Price by Type (2018-2023) & (US\$/Ton)

Table 83. Global Phase Change Coolant for Packaging Average Price by Type (2024-2029) & (US\$/Ton)

Table 84. Global Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 85. Global Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 86. Global Phase Change Coolant for Packaging Consumption Value by Application (2018-2023) & (USD Million)

Table 87. Global Phase Change Coolant for Packaging Consumption Value by

Application (2024-2029) & (USD Million)

Table 88. Global Phase Change Coolant for Packaging Average Price by Application (2018-2023) & (US\$/Ton)

Table 89. Global Phase Change Coolant for Packaging Average Price by Application (2024-2029) & (US\$/Ton)

Table 90. North America Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 91. North America Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 92. North America Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 93. North America Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 94. North America Phase Change Coolant for Packaging Sales Quantity by Country (2018-2023) & (Ton)

Table 95. North America Phase Change Coolant for Packaging Sales Quantity by Country (2024-2029) & (Ton)

Table 96. North America Phase Change Coolant for Packaging Consumption Value by Country (2018-2023) & (USD Million)

Table 97. North America Phase Change Coolant for Packaging Consumption Value by Country (2024-2029) & (USD Million)

Table 98. Europe Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 99. Europe Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 100. Europe Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 101. Europe Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 102. Europe Phase Change Coolant for Packaging Sales Quantity by Country (2018-2023) & (Ton)

Table 103. Europe Phase Change Coolant for Packaging Sales Quantity by Country (2024-2029) & (Ton)

Table 104. Europe Phase Change Coolant for Packaging Consumption Value by Country (2018-2023) & (USD Million)

Table 105. Europe Phase Change Coolant for Packaging Consumption Value by Country (2024-2029) & (USD Million)

Table 106. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 107. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 108. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 109. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 110. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Region (2018-2023) & (Ton)

Table 111. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity by Region (2024-2029) & (Ton)

Table 112. Asia-Pacific Phase Change Coolant for Packaging Consumption Value by Region (2018-2023) & (USD Million)

Table 113. Asia-Pacific Phase Change Coolant for Packaging Consumption Value by Region (2024-2029) & (USD Million)

Table 114. South America Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 115. South America Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 116. South America Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 117. South America Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 118. South America Phase Change Coolant for Packaging Sales Quantity by Country (2018-2023) & (Ton)

Table 119. South America Phase Change Coolant for Packaging Sales Quantity by Country (2024-2029) & (Ton)

Table 120. South America Phase Change Coolant for Packaging Consumption Value by Country (2018-2023) & (USD Million)

Table 121. South America Phase Change Coolant for Packaging Consumption Value by Country (2024-2029) & (USD Million)

Table 122. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Type (2018-2023) & (Ton)

Table 123. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Type (2024-2029) & (Ton)

Table 124. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Application (2018-2023) & (Ton)

Table 125. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Application (2024-2029) & (Ton)

Table 126. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity

by Region (2018-2023) & (Ton)

Table 127. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity by Region (2024-2029) & (Ton)

Table 128. Middle East & Africa Phase Change Coolant for Packaging Consumption Value by Region (2018-2023) & (USD Million)

Table 129. Middle East & Africa Phase Change Coolant for Packaging Consumption Value by Region (2024-2029) & (USD Million)

Table 130. Phase Change Coolant for Packaging Raw Material

Table 131. Key Manufacturers of Phase Change Coolant for Packaging Raw Materials

Table 132. Phase Change Coolant for Packaging Typical Distributors

Table 133. Phase Change Coolant for Packaging Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Phase Change Coolant for Packaging Picture
- Figure 2. Global Phase Change Coolant for Packaging Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Phase Change Coolant for Packaging Consumption Value Market Share by Type in 2022
- Figure 4. Organic Phase Change Materials Examples
- Figure 5. Inorganic Phase Change Materials Examples
- Figure 6. Global Phase Change Coolant for Packaging Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Phase Change Coolant for Packaging Consumption Value Market Share by Application in 2022
- Figure 8. Food Transport Package Examples
- Figure 9. Biochemical Drug Transport Package Examples
- Figure 10. Global Phase Change Coolant for Packaging Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 11. Global Phase Change Coolant for Packaging Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 12. Global Phase Change Coolant for Packaging Sales Quantity (2018-2029) & (Ton)
- Figure 13. Global Phase Change Coolant for Packaging Average Price (2018-2029) & (US\$/Ton)
- Figure 14. Global Phase Change Coolant for Packaging Sales Quantity Market Share by Manufacturer in 2022
- Figure 15. Global Phase Change Coolant for Packaging Consumption Value Market Share by Manufacturer in 2022
- Figure 16. Producer Shipments of Phase Change Coolant for Packaging by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 17. Top 3 Phase Change Coolant for Packaging Manufacturer (Consumption Value) Market Share in 2022
- Figure 18. Top 6 Phase Change Coolant for Packaging Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Global Phase Change Coolant for Packaging Sales Quantity Market Share by Region (2018-2029)
- Figure 20. Global Phase Change Coolant for Packaging Consumption Value Market Share by Region (2018-2029)

Figure 21. North America Phase Change Coolant for Packaging Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe Phase Change Coolant for Packaging Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific Phase Change Coolant for Packaging Consumption Value (2018-2029) & (USD Million)

Figure 24. South America Phase Change Coolant for Packaging Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa Phase Change Coolant for Packaging Consumption Value (2018-2029) & (USD Million)

Figure 26. Global Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 27. Global Phase Change Coolant for Packaging Consumption Value Market Share by Type (2018-2029)

Figure 28. Global Phase Change Coolant for Packaging Average Price by Type (2018-2029) & (US\$/Ton)

Figure 29. Global Phase Change Coolant for Packaging Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global Phase Change Coolant for Packaging Consumption Value Market Share by Application (2018-2029)

Figure 31. Global Phase Change Coolant for Packaging Average Price by Application (2018-2029) & (US\$/Ton)

Figure 32. North America Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 33. North America Phase Change Coolant for Packaging Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America Phase Change Coolant for Packaging Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America Phase Change Coolant for Packaging Consumption Value Market Share by Country (2018-2029)

Figure 36. United States Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 40. Europe Phase Change Coolant for Packaging Sales Quantity Market Share

by Application (2018-2029)

Figure 41. Europe Phase Change Coolant for Packaging Sales Quantity Market Share by Country (2018-2029)

Figure 42. Europe Phase Change Coolant for Packaging Consumption Value Market Share by Country (2018-2029)

Figure 43. Germany Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. France Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. United Kingdom Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Russia Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Italy Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 49. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity Market Share by Application (2018-2029)

Figure 50. Asia-Pacific Phase Change Coolant for Packaging Sales Quantity Market Share by Region (2018-2029)

Figure 51. Asia-Pacific Phase Change Coolant for Packaging Consumption Value Market Share by Region (2018-2029)

Figure 52. China Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Japan Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Korea Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. India Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Southeast Asia Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Australia Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. South America Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 59. South America Phase Change Coolant for Packaging Sales Quantity Market Share by Application (2018-2029)

Figure 60. South America Phase Change Coolant for Packaging Sales Quantity Market Share by Country (2018-2029)

Figure 61. South America Phase Change Coolant for Packaging Consumption Value Market Share by Country (2018-2029)

Figure 62. Brazil Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Argentina Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity Market Share by Type (2018-2029)

Figure 65. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity Market Share by Application (2018-2029)

Figure 66. Middle East & Africa Phase Change Coolant for Packaging Sales Quantity Market Share by Region (2018-2029)

Figure 67. Middle East & Africa Phase Change Coolant for Packaging Consumption Value Market Share by Region (2018-2029)

Figure 68. Turkey Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Egypt Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Saudi Arabia Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. South Africa Phase Change Coolant for Packaging Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Phase Change Coolant for Packaging Market Drivers

Figure 73. Phase Change Coolant for Packaging Market Restraints

Figure 74. Phase Change Coolant for Packaging Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of Phase Change Coolant for Packaging in 2022

Figure 77. Manufacturing Process Analysis of Phase Change Coolant for Packaging

Figure 78. Phase Change Coolant for Packaging Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

I would like to order

Product name: Global Phase Change Coolant for Packaging Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G43E6598EBE8EN.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 <https://marketpublishers.com/r/G43E6598EBE8EN.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

