

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) R134A Refrigerant Market 2018, Forecast to 2023

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Abstracts

R134a is also known as tetrafluoroethane (CF₃CH₂F) from the family of HFC refrigerant. It exists in gas form when exposed to the environment as the boiling temperature is -14.9°F or -26.1°C.

R134a refrigerant is now being used as a replacement for R-12 CFC refrigerant in the area of centrifugal, rotary screw, scroll and reciprocating compressors. It is not 100% compatible with the lubricants and mineral-based refrigerant currently used in R-12. Design changes to the condenser and evaporator need to be done to use this refrigerant. R134a refrigerant is safe for normal handling as it is non-toxic, non-flammable and non-corrosive.

Scope of the Report:

This report focuses on the R134A Refrigerant in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

In 2013, Europe published the ban that the new Automotive Air-Conditioning (MAC) cannot use R134a. Since 1 January 2013 the MAC Directive is fully applicable. In 2015, The US Environmental Protection Agency (EPA) is considering declaring refrigerant R134a as being unsuitable for use in chillers. Affected by the policy, global sales of R134a decreases from 203 K MT in 2012 to 200 K MT in 2016, with an average decrease rate of 0.89%. Also, Arkema is planning to shut down its R134a refrigerant plant at Pierre-Benite, France.

Currently, global major manufacturers in this industry are mainly concentrated in China. In 2016, China produced 145 K MT R134a, with a share of 72%. China major suppliers are Juhua Group, Sinochem Taicang Chemical, Bailian, Dongyue Federation and

Sanmei etc. Price in China changes a lot during 2012 to 2016. But China's demand growth has been slow, so China has become the world's largest exporter. On the other hand, with the European restrictions on the use of 134A, and the United States will increase anti-dumping duties on the product from China, the future of China's export status is very grim.

The worldwide market for R134A Refrigerant is expected to grow at a CAGR of roughly -10.9% over the next five years, will reach 100 million US\$ in 2023, from 190 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Mexichem Fluor

Chemours

Honeywell

Linde Gas

Arkema

Juhua Group

Sinochem Taicang Chemical

Bailian

Dongyue Federation

Sanmei

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Tetrachlorethylene Process

Trichlorethylene Process

Market Segment by Applications, can be divided into

Automotive Air-Conditioning

Commercial Refrigeration Equipment

Domestic Refrigeration Equipment

There are 15 Chapters to deeply display the global R134A Refrigerant market.

Chapter 1, to describe R134A Refrigerant Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of R134A Refrigerant, with sales, revenue, and price of R134A Refrigerant, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of R134A Refrigerant, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, R134A Refrigerant market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe R134A Refrigerant sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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