

Automotive Alternative Refrigerant Market, Global Outlook and Forecast 2022-2028

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Abstracts

Automobile refrigerant is a product used in automobile air conditioning and cooling. Regarding refrigerants, the EU's action was a precursor for what transpired the US. In 2015, the Environmental Protection Agency (EPA) announced a new rule under their Significant New Alternatives Policy, or SNAP, called Rule 20. This rule dictated the eventual phase out of HFC refrigerants, including R-134a, across the United States. The basis of the rule was that by the year 2020, or MY 2021, all new manufactured or imported vehicles would not be able to use R-134a. There is room for a few exclusions, but these can only push the date back to 2025. There are three refrigerants that can be used to replace R-134a: R-1234yf, R-152a and R-744. More on these replacements later. An interesting fact about the phase out of R-134a is that unlike the switch from R-12 to R-134a, there will be no mandatory reduction in production or imports of the refrigerant, which means that supplies of R-134a should be stable both in availability and cost. However, the demand will start shrinking with each passing year because no new vehicles after 2020 will be able to use it. Over the next 10 or so years, vehicles that use R-134a will inevitably end up in junk yards and the production of R-134a will be reduced, then disappear completely. Instead of a phase out, R-134a will be economically starved out of existence.

This report contains market size and forecasts of Automotive Alternative Refrigerant in global, including the following market information:

Global Automotive Alternative Refrigerant Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Automotive Alternative Refrigerant Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Automotive Alternative Refrigerant companies in 2021 (%)

The global Automotive Alternative Refrigerant market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

R-1234yf Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Automotive Alternative Refrigerant include Honeywell, Oz-Chill, DuPont, Chemours and Enviro-Safe, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Automotive Alternative Refrigerant manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Automotive Alternative Refrigerant Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Automotive Alternative Refrigerant Market Segment Percentages, by Type, 2021 (%)

R-1234yf

R-152a

R-744

Others

Global Automotive Alternative Refrigerant Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Automotive Alternative Refrigerant Market Segment Percentages, by Application, 2021 (%)

Commercial Vehicle

Passenger Var

Global Automotive Alternative Refrigerant Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Automotive Alternative Refrigerant Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Automotive Alternative Refrigerant revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Automotive Alternative Refrigerant revenues share in global market, 2021 (%)

Key companies Automotive Alternative Refrigerant sales in global market, 2017-2022 (Estimated), (Kiloton)

Key companies Automotive Alternative Refrigerant sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Honeywell

Oz-Chill

DuPont

Chemours

Enviro-Safe

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