

Chlorotrifluoroethylene (CTFE) Market in China - Manufacturing and Consumption, Outlook and Forecast 2020-2026

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Abstracts

Chlorotrifluoroethylene is a colorless gas at room temperature and pressure. It is fairly toxic with an LC50 (rat) at 4-hour exposure and a concentration of 4000 ppm. It has a critical temperature and pressure of 105.8 °C and 4.03 MPa. Oxygen and liquid CTFE react and form peroxides at fairly low temperatures. A number of oxygenated products, such as chlorodifluoroacetylfluoride, are generated by oxidation of CTFE. The same reaction can occur photochemically in the vapor phase. Chlorotrifluoroethylene oxide is a by-product of this reaction. The peroxides act as initiators for the polymerization of CTFE, which can occur violently.

This report contains market size and forecasts of Chlorotrifluoroethylene (CTFE) in China, including the following market information:

China Chlorotrifluoroethylene (CTFE) Market Revenue, 2015-2020, 2021-2026, (\$ millions)

China Chlorotrifluoroethylene (CTFE) Market Consumption, 2015-2020, 2021-2026, (MT)

China Chlorotrifluoroethylene (CTFE) Production Capacity, 2015-2020, 2021-2026, (MT)

Top Five Competitors in China Chlorotrifluoroethylene (CTFE) Market 2019 (%)

The global Chlorotrifluoroethylene (CTFE) market was valued at 190.9 million in 2019 and is projected to reach US\$ 207.4 million by 2026, at a CAGR of 2.1% during the forecast period. While the Chlorotrifluoroethylene (CTFE) market size in China was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Chlorotrifluoroethylene (CTFE) manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including ingredients and raw

material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas.

This report also analyses and evaluates the COVID-19 impact on Chlorotrifluoroethylene (CTFE) production and consumption in China

Total Market by Segment:

China Chlorotrifluoroethylene (CTFE) Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (MT)

China Chlorotrifluoroethylene (CTFE) Market Segment Percentages, By Type, 2019 (%)

Purity 99.9%

Purity 99.5%

China Chlorotrifluoroethylene (CTFE) Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (MT)

China Chlorotrifluoroethylene (CTFE) Market Segment Percentages, By Application, 2019 (%)

Resin

Refrigerant

Others

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Chlorotrifluoroethylene (CTFE) Market Competitors Revenues in China, by Players 2015-2020 (Estimated), (\$ millions)

Total Chlorotrifluoroethylene (CTFE) Market Competitors Revenues Share in China, by Players 2019 (%)

Total China Chlorotrifluoroethylene (CTFE) Market Competitors Sales, by Players 2015-2020 (Estimated), (MT)

Total China Chlorotrifluoroethylene (CTFE) Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

Honeywell

Daikin

Jiangsu Bluestar

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