

# 2018 Top 5 Chlorotrifluoroethylene (CTFE) Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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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.

In 2016, the global actual consumption amount of Chlorotrifluoroethylene was around 8913 MT.

Chlorotrifluoroethylene can be used in various fields, like Resin and Refrigerant, etc. Resin is the largest application of Chlorotrifluoroethylene, with market share of 70.48% in 2016. Chlorotrifluoroethylene can be classified as Purity 99.9% and Purity 99.5%. Purity 99.9% is the major kind of Chlorotrifluoroethylene due to its stable quality and reasonable price. The market of Purity 99.9% is still in its emerging stage, with a global market share of 75.20% in 2016.

The largest producers of Chlorotrifluoroethylene in the worldwide are Honeywell, Daikin, Jiangsu Bluestar and Hongjia Fluorine Technology, which takes a combined share of 93.84% in 2016.

The largest producing area of Chlorotrifluoroethylene is USA, accounting about 46.56% of Global production.

Over the next five years, LPI(LP Information) projects that Chlorotrifluoroethylene (CTFE) will register a 2.2% CAGR in terms of revenue, reach US\$ 200 million by 2023,

from US\$ 180 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Honeywell

Daikin

Jiangsu Bluestar

Hongjia Fluorine Technology

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Purity 99.9%

Purity 99.5%

Split by applications, this report focuses on sales, market share and growth rate in each

application, can be divided into

Resin

Refrigerant

Others

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