

Global Trichlorosilane (TCS) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Trichlorosilane (TCS) market size is expected to reach \$ 72940 million by 2029, rising at a market growth of 6.8% CAGR during the forecast period (2023-2029).

China is the largest market with about 35% market share. Followed by America and Korea, accounting for about 38% market share.

The key players are KCC, Wacker, Hemlock, OCI, Tokuyama, REC, SunEdision, Evonik, Jinmao, Tangshan SunFar, Daqo New Energy, TBEA, GCL, Henan Shangyu, Yongxiang Co, Chenguang etc. Top 5 companies occupied about 51% revenue market share.

Trichlorosilane (Abbreviated: TCS) is an inorganic compound with the formula HSiCl_3 . It is a colorless liquid, soluble in most organic solvents such as benzene, ether, and heptane, and is mainly used in the manufacture of polysilicon and silane coupling agents. Trichlorosilane is a chemical compound made up of silicon, hydrogen and chlorine. It is the primary raw material used in the manufacture of polycrystalline silicon metal for the semiconductor and solar cell industries. It is also sold directly to semiconductor customers for use in their processes.

This report studies the global Trichlorosilane (TCS) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Trichlorosilane (TCS), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Trichlorosilane (TCS) that

contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Trichlorosilane (TCS) total production and demand, 2018-2029, (K MT)

Global Trichlorosilane (TCS) total production value, 2018-2029, (USD Million)

Global Trichlorosilane (TCS) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Trichlorosilane (TCS) consumption by region & country, CAGR, 2018-2029 & (K MT)

U.S. VS China: Trichlorosilane (TCS) domestic production, consumption, key domestic manufacturers and share

Global Trichlorosilane (TCS) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K MT)

Global Trichlorosilane (TCS) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K MT)

Global Trichlorosilane (TCS) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K MT).

This reports profiles key players in the global Trichlorosilane (TCS) 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 KCC, Wacker, Hemlock, OCI, Tokuyama, REC, SunEdision, Evonik and Xin'an Chemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Trichlorosilane (TCS) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Trichlorosilane (TCS) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Trichlorosilane (TCS) Market, Segmentation by Type

Industrial Grade

Photovoltaic Grade

Global Trichlorosilane (TCS) Market, Segmentation by Application

Polysilicon

Chemical Intermediate

Others

Companies Profiled:

KCC

Wacker

Hemlock

OCI

Tokuyama

REC

SunEdision

Evonik

Xin'an Chemical

Tangshan Sanfu

Jiangxi Chenguang

Henan Shangyu

Da new energy

Hongbai New Material

Ningxia Forte

Shandong Xinlong

TBEA

Key Questions Answered

1. How big is the global Trichlorosilane (TCS) market?
2. What is the demand of the global Trichlorosilane (TCS) market?
3. What is the year over year growth of the global Trichlorosilane (TCS) market?
4. What is the production and production value of the global Trichlorosilane (TCS) market?
5. Who are the key producers in the global Trichlorosilane (TCS) market?
6. What are the growth factors driving the market demand?

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