

2018-2023 Global Trichlorosilane (TCS) Consumption Market Report

<https://marketpublishers.com/r/291E29ADE6DEN.html>

Date: August 2018

Pages: 178

Price: US\$ 4,660.00 (Single User License)

ID: 291E29ADE6DEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Trichlorosilane (TCS) market for 2018-2023.

Trichlorosilane (Abbreviated: TCS) is an inorganic compound with the formula HSiCl_3 . 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.

China is the largest consumption country of trichlorosilane (TCS) in the world in the past few years and it will keep the same position in the next few years. The Chinese market took up about 42% the global market in 2015, followed by USA (21.6%), Europe and Korea are closely followed with the share about 26%.

As for the applications segments, the polysilicon market is definitely the major product, which dominated the market with the sales market share about 90% in 2015. TCS is the major intermediate in the production of silicone polymers and organic chemical etc. in 2015, the sales market share of chemical intermediate was estimated to account for about 6.1%.

The major manufacturers of trichlorosilane (TCS) are located in Europe, USA, Japan, China and Korea etc. regions, including the GCL, Wacker, Hemlock, OCI, TBEA, REC, SunEdison, Yongxiang Co, Evonik and Tokuyama etc. companies. In addition, the concentration of the TCS is relatively high with the top ten companies account for 60% market share in 2016.

Over the next five years, LPI(LP Information) projects that Trichlorosilane (TCS) will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx

million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Trichlorosilane (TCS) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Direct Chlorination (DC) Process

Hydrochlorination (HC) Process

Segmentation by application:

Polysilicon

Chemical Intermediate

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

GCL

Wacker

Hemlock

OCI

TBEA

REC

SunEdision

Yongxiang Co

Evonik

Tokuyama

Daqo New Energy

KCC

Dun'An Group

HanKook Silicon

Tangshan SunFar

Xuzhou Longtian

Henan Shangyu

Hanwha Chemical

SINOSICO

Wynca

Asia Silicon

Yichang CSG

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Trichlorosilane (TCS) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Trichlorosilane (TCS) market by identifying its various subsegments.

Focuses on the key global Trichlorosilane (TCS) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Trichlorosilane (TCS) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Trichlorosilane (TCS) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new

product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Trichlorosilane (TCS) Consumption 2013-2023
 - 2.1.2 Trichlorosilane (TCS) Consumption CAGR by Region
- 2.2 Trichlorosilane (TCS) Segment by Type
 - 2.2.1 Direct Chlorination (DC) Process
 - 2.2.2 Hydrochlorination (HC) Process
- 2.3 Trichlorosilane (TCS) Consumption by Type
 - 2.3.1 Global Trichlorosilane (TCS) Consumption Market Share by Type (2013-2018)
 - 2.3.2 Global Trichlorosilane (TCS) Revenue and Market Share by Type (2013-2018)
 - 2.3.3 Global Trichlorosilane (TCS) Sale Price by Type (2013-2018)
- 2.4 Trichlorosilane (TCS) Segment by Application
 - 2.4.1 Polysilicon
 - 2.4.2 Chemical Intermediate
 - 2.4.3 Others
- 2.5 Trichlorosilane (TCS) Consumption by Application
 - 2.5.1 Global Trichlorosilane (TCS) Consumption Market Share by Application (2013-2018)
 - 2.5.2 Global Trichlorosilane (TCS) Value and Market Share by Application (2013-2018)
 - 2.5.3 Global Trichlorosilane (TCS) Sale Price by Application (2013-2018)

3 GLOBAL TRICHLOROSILANE (TCS) BY PLAYERS

- 3.1 Global Trichlorosilane (TCS) Sales Market Share by Players
 - 3.1.1 Global Trichlorosilane (TCS) Sales by Players (2016-2018)
 - 3.1.2 Global Trichlorosilane (TCS) Sales Market Share by Players (2016-2018)
- 3.2 Global Trichlorosilane (TCS) Revenue Market Share by Players

- 3.2.1 Global Trichlorosilane (TCS) Revenue by Players (2016-2018)
- 3.2.2 Global Trichlorosilane (TCS) Revenue Market Share by Players (2016-2018)
- 3.3 Global Trichlorosilane (TCS) Sale Price by Players
- 3.4 Global Trichlorosilane (TCS) Manufacturing Base Distribution, Sales Area, Product Types by Players
 - 3.4.1 Global Trichlorosilane (TCS) Manufacturing Base Distribution and Sales Area by Players
 - 3.4.2 Players Trichlorosilane (TCS) Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 TRICHLOROSILANE (TCS) BY REGIONS

- 4.1 Trichlorosilane (TCS) by Regions
 - 4.1.1 Global Trichlorosilane (TCS) Consumption by Regions
 - 4.1.2 Global Trichlorosilane (TCS) Value by Regions
- 4.2 Americas Trichlorosilane (TCS) Consumption Growth
- 4.3 APAC Trichlorosilane (TCS) Consumption Growth
- 4.4 Europe Trichlorosilane (TCS) Consumption Growth
- 4.5 Middle East & Africa Trichlorosilane (TCS) Consumption Growth

5 AMERICAS

- 5.1 Americas Trichlorosilane (TCS) Consumption by Countries
 - 5.1.1 Americas Trichlorosilane (TCS) Consumption by Countries (2013-2018)
 - 5.1.2 Americas Trichlorosilane (TCS) Value by Countries (2013-2018)
- 5.2 Americas Trichlorosilane (TCS) Consumption by Type
- 5.3 Americas Trichlorosilane (TCS) Consumption by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Key Economic Indicators of Few Americas Countries

6 APAC

- 6.1 APAC Trichlorosilane (TCS) Consumption by Countries

- 6.1.1 APAC Trichlorosilane (TCS) Consumption by Countries (2013-2018)
- 6.1.2 APAC Trichlorosilane (TCS) Value by Countries (2013-2018)
- 6.2 APAC Trichlorosilane (TCS) Consumption by Type
- 6.3 APAC Trichlorosilane (TCS) Consumption by Application
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 Key Economic Indicators of Few APAC Countries

7 EUROPE

- 7.1 Europe Trichlorosilane (TCS) by Countries
 - 7.1.1 Europe Trichlorosilane (TCS) Consumption by Countries (2013-2018)
 - 7.1.2 Europe Trichlorosilane (TCS) Value by Countries (2013-2018)
- 7.2 Europe Trichlorosilane (TCS) Consumption by Type
- 7.3 Europe Trichlorosilane (TCS) Consumption by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia
- 7.9 Spain
- 7.10 Key Economic Indicators of Few Europe Countries

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Trichlorosilane (TCS) by Countries
 - 8.1.1 Middle East & Africa Trichlorosilane (TCS) Consumption by Countries (2013-2018)
 - 8.1.2 Middle East & Africa Trichlorosilane (TCS) Value by Countries (2013-2018)
- 8.2 Middle East & Africa Trichlorosilane (TCS) Consumption by Type
- 8.3 Middle East & Africa Trichlorosilane (TCS) Consumption by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers and Impact

9.1.1 Growing Demand from Key Regions

9.1.2 Growing Demand from Key Applications and Potential Industries

9.2 Market Challenges and Impact

9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

10.1 Sales Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.2 Trichlorosilane (TCS) Distributors

10.3 Trichlorosilane (TCS) Customer

11 GLOBAL TRICHLOROSILANE (TCS) MARKET FORECAST

11.1 Global Trichlorosilane (TCS) Consumption Forecast (2018-2023)

11.2 Global Trichlorosilane (TCS) Forecast by Regions

11.2.1 Global Trichlorosilane (TCS) Forecast by Regions (2018-2023)

11.2.2 Global Trichlorosilane (TCS) Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

11.2.4 APAC Consumption Forecast

11.2.5 Europe Consumption Forecast

11.2.6 Middle East & Africa Consumption Forecast

11.3 Americas Forecast by Countries

11.3.1 United States Market Forecast

11.3.2 Canada Market Forecast

11.3.3 Mexico Market Forecast

11.3.4 Brazil Market Forecast

11.4 APAC Forecast by Countries

11.4.1 China Market Forecast

11.4.2 Japan Market Forecast

11.4.3 Korea Market Forecast

11.4.4 Southeast Asia Market Forecast

11.4.5 India Market Forecast

- 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
 - 11.5.1 Germany Market Forecast
 - 11.5.2 France Market Forecast
 - 11.5.3 UK Market Forecast
 - 11.5.4 Italy Market Forecast
 - 11.5.5 Russia Market Forecast
 - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
 - 11.6.1 Egypt Market Forecast
 - 11.6.2 South Africa Market Forecast
 - 11.6.3 Israel Market Forecast
 - 11.6.4 Turkey Market Forecast
 - 11.6.5 GCC Countries Market Forecast
- 11.7 Global Trichlorosilane (TCS) Forecast by Type
- 11.8 Global Trichlorosilane (TCS) Forecast by Application

12 KEY PLAYERS ANALYSIS

- 12.1 GCL
 - 12.1.1 Company Details
 - 12.1.2 Trichlorosilane (TCS) Product Offered
 - 12.1.3 GCL Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.1.4 Main Business Overview
 - 12.1.5 GCL News
- 12.2 Wacker
 - 12.2.1 Company Details
 - 12.2.2 Trichlorosilane (TCS) Product Offered
 - 12.2.3 Wacker Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.2.4 Main Business Overview
 - 12.2.5 Wacker News
- 12.3 Hemlock
 - 12.3.1 Company Details
 - 12.3.2 Trichlorosilane (TCS) Product Offered
 - 12.3.3 Hemlock Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.3.4 Main Business Overview

12.3.5 Hemlock News

12.4 OCI

12.4.1 Company Details

12.4.2 Trichlorosilane (TCS) Product Offered

12.4.3 OCI Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)

12.4.4 Main Business Overview

12.4.5 OCI News

12.5 TBEA

12.5.1 Company Details

12.5.2 Trichlorosilane (TCS) Product Offered

12.5.3 TBEA Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)

12.5.4 Main Business Overview

12.5.5 TBEA News

12.6 REC

12.6.1 Company Details

12.6.2 Trichlorosilane (TCS) Product Offered

12.6.3 REC Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)

12.6.4 Main Business Overview

12.6.5 REC News

12.7 SunEdision

12.7.1 Company Details

12.7.2 Trichlorosilane (TCS) Product Offered

12.7.3 SunEdision Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)

12.7.4 Main Business Overview

12.7.5 SunEdision News

12.8 Yongxiang Co

12.8.1 Company Details

12.8.2 Trichlorosilane (TCS) Product Offered

12.8.3 Yongxiang Co Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin (2016-2018)

12.8.4 Main Business Overview

12.8.5 Yongxiang Co News

12.9 Evonik

12.9.1 Company Details

12.9.2 Trichlorosilane (TCS) Product Offered

12.9.3 Evonik Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin
(2016-2018)

12.9.4 Main Business Overview

12.9.5 Evonik News

12.10 Tokuyama

12.10.1 Company Details

12.10.2 Trichlorosilane (TCS) Product Offered

12.10.3 Tokuyama Trichlorosilane (TCS) Sales, Revenue, Price and Gross Margin
(2016-2018)

12.10.4 Main Business Overview

12.10.5 Tokuyama News

12.11 Daqo New Energy

12.12 KCC

12.13 Dun'An Group

12.14 HanKook Silicon

12.15 Tangshan SunFar

12.16 Xuzhou Longtian

12.17 Henan Shangyu

12.18 Hanwha Chemical

12.19 SINOSICO

12.20 Wynca

12.21 Asia Silicon

12.22 Yichang CSG

13 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Trichlorosilane (TCS)

Table Product Specifications of Trichlorosilane (TCS)

Figure Trichlorosilane (TCS) Report Years Considered

Figure Market Research Methodology

Figure Globa

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