

# Substance Details Report

January 10, 2017

## Core Metadata

<b>Substance Type</b>	Chemical Substance	<b>Internal Tracking Number</b>	5884
<b>EPA Registry Name</b>	Methyltrichlorosilane	<b>Substance Status</b>	Approved
<b>EPA Registry Name List</b>	Chemical Identification		
<b>Systematic Name</b>	Silane, trichloromethyl-		
<b>Systematic Name List</b>	Chemical Abstracts Index Name		
<b>Preferred Acronym</b>			
<b>CAS Number</b>	75-79-6		
<b>EPA Identification Number</b>			
<b>TSN Number</b>			
<b>Kingdom</b>			
<b>ICTVDB</b>			
<b>Molecular Formula</b>	CH3Cl3Si		
<b>Molecular Weight</b>	149.48		
<b>Comment/Description</b>			

## Definition

## Classifications

### Associated Identifiers

#### Former CAS Numbers

175446-71-6

## Structure

#### Notation

C[Si](Cl)(Cl)Cl

#### Notation Type

SMILES

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## Synonym

Below are the EPA applications/systems, statues/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

### Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Methyltrichlorosilane	Valid		
CAA 112R	Silane, trichloromethyl-	Valid	01/31/1994	
CAA 112R	Methyltrichlorosilane	Valid	01/31/1994	
EPCRA 302	Methyltrichlorosilane	Valid	11/17/1986	
EPCRA 313	Methyltrichlorosilane	Valid	01/01/1995	04/22/1998
TSCA Inv	Silane, trichloromethyl-	Valid		

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Silane, trichloromethyl-	Valid		
CAMEO Chemicals	Methyltrichlorosilane	Valid		
CERCLIS3	Methyltrichlorosilane	Valid		
CORR	Methyltrichlorosilane	Valid		
ERNS	Methyltrichlorosilane	Valid		
ERNS	Trichloromethylsilane	Valid		
GCES	Methyltrichlorosilane	Valid		
HPVC List	Silane, trichloromethyl-	Valid		
HPVIS	Silane, trichloromethyl-	Valid		
MTL96	Silane, trichloromethyl-	Valid		
RMP*Info	Silane, trichloromethyl-	Valid		
RMP*Info	Methyltrichlorosilane	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Silane, trichloromethyl-	Valid		
CFATS	Methyltrichlorosilane	Unknown	08/08/2013	
CUS02	Silane, trichloromethyl-	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CUS86	Silane, trichloromethyl-	Valid		
CUS90	Silane, trichloromethyl-	Valid		
CUS94	Silane, trichloromethyl-	Valid		
CUS98	Silane, trichloromethyl-	Valid		
ChemIDStd	Methyltrichlorosilane	Valid		
FDA	METHYLTRICHLOROSILANE	Unknown		
HSDB	Methyltrichlorosilane	Valid		
MTL	Silane, trichloromethyl-	Valid	01/01/1990	
NJ-RTK-HS	Methyl trichlorosilane	Valid		
OSHA PSM-29 CFR 1910.119 App A	Methyltrichlorosilane	Unknown	08/11/2013	

## Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Methyl trichlorosilane	Unknown		

## EPA Synonyms

There are no Synonyms of this type.

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## Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

## Related References

<http://www.cdc.gov/niosh/ipcsneng/neng0301.html>

<http://nj.gov/health/eoh/rtkweb/documents/fs/1296.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=75-79-6&result=advanced>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000075796>