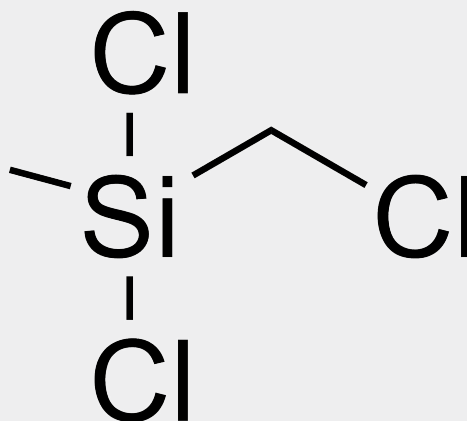


Dichloro(chloromethyl)methylsilane (CMM1)

Silanes

Clear, mobile, colourless to yellowish, caustic liquid with pungent odour

CAS No. 1558-33-4 | Empirical formula $C_2H_5Cl_3Si$ | Molecular weight 163.51



Properties

- Content min. 99.0%
- One of the largest producers worldwide
- Proprietary technology
- Continuous production in dedicated equipment
- Backward integration to silicon and chlorine
- REACH: SCC (handling as intermediate under strictly controlled conditions)

Technical data

Specification

Property	Condition	Value	Method
(Chloromethyl)methyldichlorosilane	-	min. 99.0 %	GC
Dichloromethyldichlorosilane	-	≤ 0.5 %	GC
Iron [ppm] ⁽¹⁾	-	-	-
Methyl(dichloromethyl)dichlorosilane	-	max. ≤ 0.3 %	GC
Single unknown byproduct	-	≤ 0.1 %	GC

¹value is given for information

General Characteristics

Property	Condition	Value	Method
Boiling point	980 hPa	121 °C	-
Density	20 °C	1.29 g/cm ³	-
Flash point	-	35 °C	literature
Ignition temperature	-	375 °C	DIN 51794
Lower explosion limit	-	3.82 Vol-%	-
Melting point	-	-64 °C	-
Miscibility with water	reacts with water	-	-
Upper explosion limit	-	39.5 Vol-%	-
Vapour pressure	20 °C	15 hPa	EU-GLA.4

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Building Blocks (Agro)
- Chemical Industry

Application details

- Building block for agrochemical substances/actives
- Synthesis of silicon-containing intermediates

Packaging and storage

Packaging

Drum internally lacquered 216,5 l (240 kg net) Jerrycan 30l (30 kg net)

Storage

Storage stability for at least: 12 months

Further information for storage: Keep in the original container in a cool well ventilated place. Keep container dry and tightly closed.

Conditions for storage rooms and vessels:

Do not store in containers made of aluminum or other light metals. Do not store in containers coated with zinc.

Storage beyond the recommended period does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code Dichloro(chloromethyl)methylsilane (CMM1)



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Gisela-Stein-Strasse 1, 81671 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.