

Methyltrichlorosilane

M1

Application

Used as a raw material for the production of organosilicones. It is used in the manufacture of silicone resins, special coatings, heat transfer fluids and other silicone compounds.

CAS No. 75-79-6

Molecular Formula CH₃SiCl₃

Molecular Weight 149.49

Appearance & Property

Colorless or light yellow transparent clear liquid, with a pungent odor.

Typical product data

	class I	class II
purity:	≥99.0%	≥98.0%
content of (CH ₃) ₃ SiCl:	≤0.1%	≤0.3%
content of SiCl ₄ :	≤0.1%	≤0.2%
refractive index (η _D 20):	1.411	
density (ρ ₂₀ , g/cm ³):	1.275	
boiling point:	66 - 67°C	
flash point:	- 10°C	

Hazard Class 3

Package Class I

Package Steel drums, tank-containers.

Storage

Store in tightly closed original containers in a dry, cool, well-ventilated place, away from sources of ignition.

Safety information

It is flammable liquid. Corrosive to eyes, skin and respiratory tract. Corrosive effects if swallowed. Inhalation of this substance may cause pulmonary edema. Use personal protective equipment. Work with the product only in the presence of ventilation. Do not allow the accumulation of static electricity. Avoid open fire. More information on safety information is provided in the Safety Data Sheet.