

---

**Trimethylchlorosilane**  
**RUT M3****Application**

It is a universal silylating agent (for example, for the derivatization of alcohols, carboxylic acids, amines, amides, mercaptans, etc.). It is widely used in organic synthesis, analytical chemistry.

**CAS No.**

75-77-4

**Molecular Formula**

$(\text{CH}_3)_3\text{SiCl}$

**Molecular Weight**

108.65

**Appearance & Property**

Colorless or light yellow transparent liquid with a pungent odor.

**Typical product data**

purity:  $\geq 99.0\%$

refractive index ( $n_D^{20}$ ): 1.389

density ( $\rho^{20}$ , g/cm<sup>3</sup>): 0.854

boiling point: 57 - 58°C

flash point: -28°C

**Hazard Class**

3

**Package Class**

II

**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.