

**Trimethylchlorosilane**

CAS No. 75-77-4

Synonyms: TMCS, Chlorotrimethylsilane, Trimethylsilyl chloride, M3 Silane

Typical Applications:

- Intermediate for Silicone fluids
- Chain terminating agent
- Impart water repellency
- Silanize laboratory glassware, making the surfaces more lipophilic
- Protecting group in organic synthesis

Physical Properties:

Form and Appearance:	Clear liquid
Flash Point:	18-.5°C (-1.3°F)
Molecular Weight:	108.66
Specific Gravity:	0.868 g/cm ³
Boiling Point:	57.9°C(135°F)
Solubility:	Reactive in water
Melting Point:	-58°C(-72°F)
Water Reactive:	Reacts violently

Chemical Formula:C₃H₉ClSiSpecifications:

Purity/Analysis:	98% minimum by GC
Form and Appearance:	Clear colorless to pale yellow liquid, biting odor

Product Categories:

Protecting and Derivatizing Reagents; Synthetic Reagents; Silicon-Based; DOW CORNING(R) PRODUCT Z-1224; Silane M3; Pharmaceutical Intermediates; Silylation (GC Derivatizing Reagents)

Availability:

Available for immediate shipment in commercial quantities
Minimum package size is 55 gallon drum (170 kg.), also offered in cylinders.