

**Silicon Tetrachloride****RUT STC****Application**

Silicon tetrachloride is used in the production of polycrystalline silicon, epitaxial silicon structures, as well as synthetic silicon dioxide and organosilicon compounds.

**CAS No.**

10026-04-7

**Molecular Formula**

SiCl<sub>4</sub>

**Molecular Weight**

169.89

**Appearance & Property**

Colorless clear liquid.

**Typical product data**

	class I	class II
purity:	≥99.0%	≥98.0%
density ( $\rho^{20}$ , g/cm <sup>3</sup> ):	1.48	
boiling point:	57.6°C	
melting point:	-70°C	
refractive index ( $n_D^{20}$ ):	1.4153	

**Hazard Class**

8

**Package Class**

II

**Package**

Steel drums, tank-containers.

**Storage**

Keep tightly closed in a dry place with good ventilation.

**Safety information**

Not flammable liquid. Liquid and vapor are corrosive to the eyes, skin and respiratory tract. Corrosive effects if swallowed. Inhalation of vapors may cause lung edema. Effects may be delayed. Use personal protective equipment. Work with the product only in the presence of ventilation. More information on safety information is provided in the Safety Data Sheet.