andarSil

ANDARSIL LTD
АНДАРСИЛ ЕООД

Vitosha blvd., 67, apt.4, Sofia, 1000
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Silicon Tetrachloride

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 $SiCl_4$

Molecular Weight 169.89

Appearance & Property Colorless clear liquid.

Typical product data

	class I	class II
purity:	≥99.0%	≥98.0%
density (ρ^{20}, g/cm^3):	1.48	
boiling point:	57.6℃	
melting point:	-70℃	
refractive index (η_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.