

Phenyltrichlorosilane

PTCS

Application

Silicone intermediates and phenyl silicone resins. Used as a raw material in the production of organosilicon polymers: resins, coatings for thermal insulation and electrical insulation, lubricating oils, rubbers.

CAS No. 98-13-5

Molecular Formula C₆H₅Cl₃Si

Molecular Weight 211.55

Appearance & Property

Colorless or yellowish liquid with a pungent odor.

Typical product data

	class I	class II	class III
purity:	≥99.0%	≥98.5%	≥98.0%
boiling point:	201.0°C		
flash point:	91°C		
density (ρ ₂₀ , g/cm ³):	1.32		

Hazard Class 8

Package Class II

Package Steel drums, tank-containers.

Storage

Keep away from direct sunlight, rain and high temperature.

Store in a tightly closed container in a cool, dry, well-ventilated area.

Safety information

Ship according to regulations for dangerous chemical products. Combined shipment with oxidants, acids, alkalis, alcohols and food additive chemical is strictly prohibited. Combustible liquid. Causes severe skin burns and eye damage. 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. Avoid open fire. More information on safety information is provided in the Safety Data Sheet.