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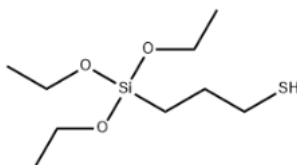
Product: **3-Mercaptopropyltriethoxysilane**

3-Mercaptopropyltriethoxysilane, a clear colorless transparent liquid, with an unpleasant sulphide odor, insoluble in water. It is soluble in alcohols, ketones and aliphatic or aromatic hydrocarbons. It can slowly react with water. It can improve the properties of the mineral-filled elastomer, including modulus, tensile and tear strength, heat buildup, abrasion resistance, resilience..

Alias: (3-mercaptopropyl)triethoxy-silan; 3-(triethoxysilyl)-1-propanethio; 3-(triethoxysilyl)-propanethio; 3-(triethoxysilyl)propylmercaptan

CAS No: **14814-09-6**

Molecule structure



Specifications:

Appearance: Clear colorless transparent liquid

APHA Color(Hazen number):30max

Viscosity at 25 °C (cP):0.5to2.0

CPTES by GC:1.0%Max

MPTES by GC:95.0%Min

MPTES-S-Ether by GC:0.2%Max

Di-(MPTES) by GC:1.0%Max

Packing & Delivery 23mt/ISO tank

UN No.3082, Class: 9, Packing group:III



Application

- ☒ It can improve the properties of the mineral-filled elastomer, including modulus, tensile and tear strength, heat buildup, abrasion resistance, resilience.
- ☒ Used to improve properties of mineral filled elastomer, including modulus, tensile and tear strength, heat buildup, abrasion resistance, resilience, compression set and cure time.
- ☒ Used as a pretreatment on minerals or added at the time of compounding.
- ☒ Used to improve low-rolling resistance in silica-reinforced tire tread compounds.