

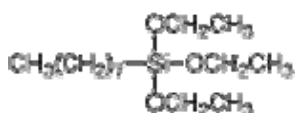
Organosilane NOEO

Product Description

Chemical Name: N-octyltriethoxysilane (NOTES)

Synonym: Triethoxyoctylsilane; 1-(Triethoxysilyl)octane

Chemical
Structure



Empirical Formula C₁₄H₃₂O₃Si
 Molecular Weight 276.48
 CAS No. 2943-75-1
 EINECS No. 220-941-2

Typical Physical Properties:

Appearance	Colorless to pale yellow liquid
Specific Gravity, (25/25°C)	0.879
Refractive Index, n _D (25°C)	1.4170
Flash Point*	109°C (228°F)
Boiling Point, (2 mm Hg)	98°C (208°F)

* Determined by ASTM Method D93 using the Pensky-Martens Closed Cup.

Commodity Specification

Appearance	Colorless and transparent liquid
Content, (by GC)	97% min
Specific Gravity, (25/25°C)	0.870—0.900
Refractive Index, n _D (25°C)	1.4140—1.4180

Application Direction

General Information: It is high purity, undiluted monomeric alkylalkoxysiloxane. When diluted with an appropriate solvent, it can be used in the formulation of water repellent products. Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the cementitious substrate. Treated substrates are hydrophobic and retain their original appearance.

Packing & Storage

Normally packed in 180 kg net drums UN approved, Can also packed in IBC (850 kg net), sea-worthy for exporting.

Stored in cool and dry air-flowing area preventing sunlight

Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.