

## n-Octyltriethoxysilane

### Features of n-Octyltriethoxysilane China

- Product Name: n-Octyltriethoxysilane
- Chemical Formula: C<sub>14</sub>H<sub>32</sub>O<sub>3</sub>Si
- CAS No.: 2943-75-1
- Dangerous Grade: NO

### Technical Data of n-Octyltriethoxysilane

ITEMS	SPECIFICATION
Appearance	Colorless transparent liquid
Reactive index(n <sub>25D</sub> )	1.4170±0.0050
Assay	98%

### Package and Storage:

- 180kg/drum or 850kg/IBC drum
- Store in a cool, dry place. Keep container closed when not in use

### Application /Application Industries:

- Concrete
- Inorganic pigment

- Solvent

CG-N823 Silane is high purity, undiluted Octyltriethoxy-silane. 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 hydro-phobic and retain their original appearance. CG-N823 Silane can also be used to improve the compatibility of mineral fillers or pigments in polyolefins or to ease their dispersion in nonpolar matrices.

CG-N823 Silane is a small molecule to allow for deep penetration into the cementitious surface. This material reacts with moisture in the air and on the substrate in the presence of an alkaline or acidic environment to produce hydroxy groups. These hydroxy groups will bond with the substrate and itself to produce a hydrophobic treatment that inhibits water absorption into the substrate. An alkaline environment, such as new concrete, will catalyze the reaction and speed the formation of the hydrophobic surface.

The mission in NCMC is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.