

# IOTA-5042 n-Octyltriethoxysilane

Synonyms: n-Octyltriethoxysilane

Formula: C<sub>14</sub>H<sub>32</sub>O<sub>3</sub>Si

Molecular Weight: 276.49

**CAS: 2943-75-1**

EINECS: 220-941-2

## **Physical and chemical properties:**

Bp: 98°C

Water Solubility: REACTS

Refractive Index: 1.416-1.418

Fp: 100°C

Density: 0.88

Description: Colorless transparent liquid, soluble in a variety of organic solvents.

## **Application:**

1. Can be used as water-proof and protective agent on buildings. Can form hydrophobic layer on the substrate surface, and effectively prevent water penetration, sunshine, acid-base erosion so as to prolong the recycle life of the buildings.
2. Can be used as surface modifier of inorganic filler, improve the dispersion and blending performance of the fillers in plastic, rubber and resin.
3. Used as a dispersing agent for pigments, the treated pigment has a better dispersion.

**Storage and Packing:**

Must be sealed and kept in cool and ventilated place, away from oxidizing agent, acids.

Packed in 25kg and 200kg PVF steel drum or plastic drum.