

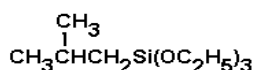
Organosilane IBEO

Product Description

Chemical Name: iso-Butyltriethoxysilane (IBTES)

Synonym: Triethoxy(isobutyl)silane

Chemical Structure:



Empirical Formula	C ₁₀ H ₂₄ O ₃ Si
Molecular Weight	220.38
CAS No.	17980-47-1
EINECS No.	402-810-3

Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	0.880
Refractive Index, n _D (25°C)	1.3908
Flash Point*	62°C (144°F)
Boiling Point	190°C (374°F)

* Determined by ASTM Method D93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless to pale yellowish liquid
Content, (by GC)	99% min, 98% min (tech grade)
Specific Gravity, (25/25°C)	0.860—0.890
Refractive Index, n _D (25°C)	1.3880—1.3920

Application Direction

General Information: It is a mixture containing some n-Butyltriethoxysilane. It is widely used as waterproofing treatment on bridges, roads, and buildings. It can be used directly for bricks, asbestos, concrete and cement products to improve the penetrability, anti-corrodibility to salts, anti-frost as well as to reduce their absorbability of water.

Packing & Storage

Normally packed in 180 kg net drums UN approved, 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.