

Technical Data Sheet

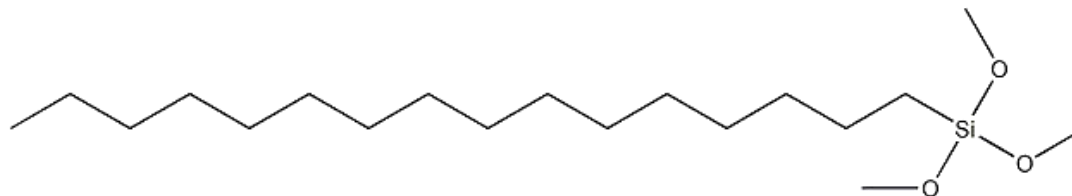
TDS NO.: KBR-818

Revision Date: 27/04/2020



Hexadecyltrimethoxysilane

Chemical Structure:



Typical Physical Properties

Product No.:	KBR-818
Chemical Name:	Hexadecyltrimethoxysilane
CAS No.:	16415-12-6
EINECS No.:	240-464-3
Molecular Formula:	C ₁₉ H ₄₂ O ₃ Si
Molecular Weight:	346.62
Appearance:	Colorless transparent liquid
Density: (22.5℃)	0.89g/ml
Purity:	≥97%

Application and Performance

1. Used as a coupling agent

It is mainly used to treat inorganic materials, such as glass, SiO₂, Al₂O₃, ceramics, mica, SiC, talc, etc. to improve its compatibility with organic matter and improve waterproof performance.

2. Can be used as a glass anti-fog agent.

3. Used for surface modification of ultrafine powder, such as surface treatment of chromatographic column or stationary phase of separation material.

4. Used for protection of cultural relics and waterproofing of other products.

Safety

Risk Statements :	36/37/38
Safety Statements :	26-36
TSCA :	NO
HS Code :	2931900090

Packaging

10KG/pail, 25KG/pail, 200kg/drum or other packing on request. 1000 IBC drum, 20MT/Tank