

n-Octadecyltriethoxysilane

Long-chain alkyltrialkoxysilane surface-treatment agent for hydrophobic mineral and pigment modification.

CAS No. 7399-00-0	EC / List No. 230-995-9	Transport Non-dangerous goods
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Product Information

Long-chain alkyltrialkoxysilane surface-treatment agent for hydrophobic mineral and pigment modification.

Specifications

Parameter	Specification
Appearance	Colourless transparent liquid
Purity	≥95.0 %
Refractive index, n _D 25	1.4340–1.4400
Density, 25°C	Approx. 0.87 g/mL
Melting range	10–12 °C

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₂₄ H ₅₂ O ₃ Si
Formula weight	416.76 g/mol

Applications

Cosmetic pigment treatment: Surface-treatment agent for selected mineral pigments.

Mineral powder modification: Alkylsilane for selected silica, titanium dioxide and filler surfaces.

Hydrophobic inorganic surfaces: Intermediate for selected water-repellent surface development.

Packaging / Storage

Item	Information
Packing	200 kg iron drums
Storage	Store sealed at room temperature in a dry, ventilated place, protected from moisture, water and heat. Keep away from strong acids and oxidizing agents.
Shelf life	12 months in unopened original packaging under the stated storage conditions.
Handling	Use ventilation, suitable gloves and eye protection. Follow the matched SDS.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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