



n-Octyltrimethoxysilane; 97%

AB129289 | CAS 3069-40-7

### 1. Product Identification

**Chemical Name:** n-Octyltrimethoxysilane

**Synonyms:** Trimethoxyoctylsilane; OCTMO

**Molecular Formula:** C<sub>11</sub>H<sub>26</sub>O<sub>3</sub>Si

**Molar Mass:** 234.41 g/mol

### 2. Physical and Chemical Properties

**Purity:** 97%

**Appearance:** Colorless liquid

**Boiling Point:** approx. 191-192 °C

**Density:** approx. 0.91 g/cm<sup>3</sup> at 25 °C

**Refractive Index:** 1.4170 at 20 °C

**Solubility:** Soluble in non-polar organic solvents; hydrolyzes in water releasing methanol

The data represents typical values (no product specification)

### 3. Applications

- Surface modifier to generate hydrophobicity (e.g. pigments and inorganic fillers).

### 4. Reactivity

**Trimethoxysilyl-groups:** Hydrolyze in contact with moisture, releasing methanol and forming reactive Silanol-groups which bond to inorganic surfaces

### 5. Storage and Handling

**Storage Conditions:** Store in a cool, dry, and tightly sealed container. Protect from moisture and direct sunlight.

Avoid direct contact with moisture to prevent hydrolysis.

Methanol release caution; it is recommended to work in well-ventilated spaces.

### 6. Available Quantities

AB129289 is available in following quantities:

- Shop AB129289 | CAS 3069-40-7

### Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets (MSDS). They are available on the abcr website

- [https://abcr.com/de\\_en/ab129289](https://abcr.com/de_en/ab129289)