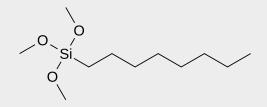
Gute Chemie





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