

# Manta L1631

Long chain alkyl functional organosilane

## Description

N-Hexadecyltrimethoxysilane.

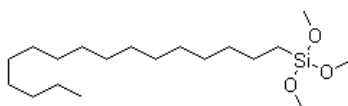
## The Equivalent List

| Manta | Momentive | Dow | Evonik         | Wacker          | Shin-Etsu |
|-------|-----------|-----|----------------|-----------------|-----------|
| L1631 |           |     | Dynasylan 9116 | Wacker 25013 VP |           |

## Typical Physical Properties

|   |                              |
|---|------------------------------|
| Manta code:   | L1631                        |
| Chemical Name:  | N-Hexadecyltrimethoxysilane  |
| Synonyms  |                              |
| CAS No. :   | 16415-12-6                   |
| EINECS No. :  | 240-464-3                    |
| Appearance:   | Colorless transparent liquid |
| Purity (by GC, %)   | 95.0 min                     |
| Specific Gravity ( $\rho_{20^{\circ}\text{C}}$ , $\text{g}/\text{cm}^3$ ) | 0.89±0.01                    |
| Refractive Index ( $n_D^{25^{\circ}\text{C}}$ ):                          | 1.440±0.010                  |

Chemical Structure:



## Applications

- 1) Mainly be used to deal with inorganic materials.  
Such as glass, silica, Al<sub>2</sub>O<sub>3</sub>, Kaolin, pottery and porcelain, mica, Sic, talcum powder etc.  
in order to improve the property of blending with organic matter and water-proof, enhancing the mechanical property of the products.
- 2) Fog-proof Preparation of Glass
  - a) Protect blank glass and coated glass (optical antireflex coating, vacuum antireflex coating, reflective coating)
  - b) Protect optical parts or precision instrument with graduations and metal frames. Protect Historical Relics or Other Products from Water Protect historical relics (esp. outdoor historical

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relics) from corrosion, freeze or efflorescence.

### Packaging

In 20kg pail, 180kg drum and 900kg IBC

### Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is min. 9 months. It is shipped as non-hazardous substance.

### Contact Information

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