

IOTA-011 Hexamethyldisilazane(HMDS)

Product introduction:

Chemical Name: 1,1,1,3,3,3-Hexamethyldisilazane(HMDS)

Alias: 1,1,1,3,3,3-1,1,1,3,3,3-Hexamethyldisilazane(HMDS) , HMDS

CAS No.: 999-97-3

EINECS: 213-668-5

Molecular formula: C₆H₁₉NSi₂

Molecular weight: 161.39

Product properties:

Appearance: Colorless transparent liquid

Density (25°C,g/cm³): 0.774

Refractive index (20°C): 1.4069-1.4089

Melting point (°C): -78

Flashing point (°C): 27

Boiling point (°C): 125

Water solubility: reaction

Purity (% , ≥): 99

Hexamethyldisiloxane Purity (% , ≤): 0.5

Hydroxytrimethylsilane Purity (% , ≤): 0.3

CL Purity (PPM, ≤): 50

Application:

1. Silylation of synthetic process of Amikacin, penicillins, cephalosporins, fluorouracil and Penicillin derivatives.

2. Surface treatment of Diatomite, white carbon black, titanium powder. bonding agent of light etching agent in Semiconductor industry.

3. Can be used fin vinyl silicone rubber in order to improve the tearing strength, Also can be used as a hydrophobic treatment agent of white carbon black and hydroxy protective agent of antibiotics.

Product specification:

200L plastic barrel or plastic coated iron barrel; Net weight 150KG, contact us for special specification

Transportation and storage

1. Storage: no contact with flame, stored in dry and well ventilated place, avoid direct sunlight, Storage temperature-50°C~45°C.

2. Transportation: Hazardous chemicals, avoid knock, rain and insolation.

3. Hexamethyldisilazane is easy to hydrolysis, can happen violent reaction in acid, should be kept in airtight container.