

# Hexamethyldisilazane

*Sinnosil*<sup>®</sup> OS-188



## Product Identification

Chemical name:	1,1,1,3,3,3-Hexamethyl disilazane, HMDZ
CAS No.:	999-97-3
EINECS No.:	213-668-5
Molecular formula:	(CH <sub>3</sub> ) <sub>3</sub> SiNHSi(CH <sub>3</sub> ) <sub>3</sub>
Molecular weight:	161.39

## Technical Specifications

Appearance:	Colorless transparent liquid
Contant (%):	≥99
Density (25°C, g/cm <sup>3</sup> ):	0.774
Refractive (25°C, g/cm <sup>3</sup> ):	1.4069~1.4089
Boiling point (°C):	125
Flash point (°C):	27
Hexamethyldisiloxane (% ≤):	0.5
Trimethyl silicon alcohol (% ≤):	0.3
Cl content (ppm, ≤):	50

## Application Guidelines

### Industry

It is used for rubber processing and surface treatment of diatomite, white carbon black, titanium and other powders. This product is a tail reducing agent for reducing the adsorption activity on the surface of gas chromatography carrier.

### Medicine

It can be used in special organic synthesis. Silylation in the synthesis of penicillin derivatives, penicillin, cephalosporin, fluorouracil and so on. Amikacin, a pharmaceutical intermediate, is a hydroxyl and amino protectant. Special organic synthesis. Silylation reagent can be used in the production of thiamine kanamycin.

## Packaging & Storage

200L plastic barrel/ plastic inside iron barrel with plastic inside, Net weight 150kgs. Contact us for special specification. Store in cool dry place, Transported as dangerous products.

## Company Information

### **SINNO INDUSTRY (HONGKONG)CO.,LTD.**

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The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.