

## Technical Data Sheet

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### CFS-973, Hexamethyldisilazane

CFS-973, Hexamethyldisilazane is a trimethyl terminated silyl amine. It can be named as Bis(trimethylsilyl)amine and it's normally abbreviated as HMDS.

#### Typical Properties:

Chemical Name	Hexamethyldisilazane
Cas No	999-97-3
Formula	C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub>
Color	Colorless
Appearance	Colorless to light yellow
Purity	min 99%

#### Applications:

CFS-973 can be used as a blocking agent to protect sensitive functional groups. It is a reagent for the preparation of trimethylsilyl derivatives;

CFS-973 can be used as a versatile silylation agent and an intermediate for functional silicones and pharmaceutical synthesis;

CFS-973 can be used as a tackifier and adhesion promoter for photoresist;

CFS-973 can be used in GC-MS to enhance the detectability of compounds with polar functional groups;

CFS-973 can be used as surface modifier for inorganic fillers treatment. HMDS coatings on various micro and nanoparticles make them be resistant to water and flocculation.

#### Packaging:

CFS-973 is offered in 25L PE pails, 200L PVF steel drums and 1000L IBC totes.

Please contact Co-Formula team for any special packaging request.

#### Storage:

CFS-973 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-973 should be stored in its original containers and used up as soon as possible after opening.

When stored in a strictly sealed and unopened container, CFS-973 has a shelf life of 12months.