

Hexamethylcyclotrisiloxane (D₃)

Product Name: Hexamethylcyclotrisiloxane

Molecular Formula: [(CH₃)₂SiO]₃

Molecular Weight: 222.47

CAS No.: 541-05-9

UN No.: 1325

Product Standard: T/FSI 009-2017

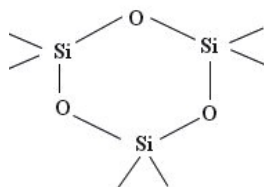
Physical and Chemical Properties: Melting Point: 64°C

Boiling Point: 134°C

Relative Density (water=1): 1.12

Appearance: White crystalline lens.

Structural Formula:



Technological Index:

Item	Index
Content of Hexamethylcyclotrisiloxane/% ≥	98.00
Content of Chloridion/(mg/Kg) ≤	30.00

Properties and Uses

White crystalline lens, the odor likes grass. Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause central nervous system depression. Moisture sensitive. It is used for production of general silicone polymers and specific organic silicon compounds, such as surface treatment agent, coupling agent, crosslinking agent and so on.

Package, Storage and Handling

Blue Drum net weight 180kg/Drum, or Steel Drum net weight 125kg/drum. The package should seal up completely, keep in cold, dry and ventilating place. Be careful when loading and unloading to avoid damages of the package. During transport-ing, protect against damp, water, acid and alkali.

Chemical Stability: Stable in closed containers under specified storage and handling conditions.

Conditions to Avoid: Incompatible materials, any sources of ignition or heat, exposure to moist air or water.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: In case of a fire, oxides of carbon, hydrocarbons, silicon oxide, fumes, and smoke may be generated by thermal decomposition or combustion.

Hazardous Polymerization: Will not occur.