

## Hexamethyldisiloxane

# RUTESIL HMDSO

### **Application**

Intermediate for the synthesis of silicone polymers; in the cosmetic and pharmaceutical industry it is used as a dispersant and plasticizer.

### **CAS No.**

107-46-0

### **Molecular Formula**

$(\text{CH}_3)_3\text{SiOSi}(\text{CH}_3)_3$

### **Molecular Weight**

162.38

### **Appearance & Property**

Colorless clear liquid.

### **Typical product data**

content of HMDSO:  $\geq 99.0\%$

density ( $\rho^{25}$ , g/cm<sup>3</sup>): 0.762—0.770

refractive index ( $\eta_D^{20}$ ): 1.3748 $\pm$ 0.002

melting point: -59°C

boiling point: 100.5°C

flash point: -1°C

chroma/Platinum-cobalt scale/Hazen unit:  $\leq 20$

content of water, (ppm):  $\leq 500$

### **Hazard Class**

3

### **Package Class**

II

### **Package**

Steel drum, net weight 150kg.

### **Storage**

Store in a cool, dry, well-ventilated area away from sources of fire and heat. Keep container tightly closed. Storage life: 1 year.

### **Safety information**

Ship according to regulations for dangerous chemical products. It is a flammable liquid. Very toxic to aquatic life and very toxic to aquatic life with long-lasting effects. Avoid release to the environment.

Use personal protective equipment, work in a well ventilated area.