

Methyldichlorosilane

RUTESIL MD

Application

Methyldichlorosilane is mainly used to produce methyl hydrogen silicone fluid, and as the main component in the production of silicone materials: polymethylsiloxane, silicone oils, silicone resins, synthetic rubber.

CAS No.

75-54-7

Molecular Formula

CH₃HSiCl₂

Molecular Weight

115.04

Appearance & Property

Colorless transparent liquid with a pungent odor.

Typical product data

purity: ≥99.20%

refractive index (η_D^{20}): 1.422

density (ρ^{20} , g/cm³): 1.109

boiling point: 40 - 41°C

flash point: - 25°C

Hazard Class

4.3

Package Class

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Package

Steel drums, tank-containers.

Storage

Should be stored in cool, dry, ventilated areas and be away from the fire and other dangerous goods. In the standard packaging, transport and storage conditions. The shelf time (warranty period) is 3 months from the production date. When exceeded, this product could be re-examined. If it still meets the standard, it can still be used.

Safety information

It is flammable liquid. Decomposes on contact with alkaline products, forming a flammable/ explosive gas (hydrogen). Corrosive to eyes, skin and respiratory tract. Corrosive effects if swallowed. Inhalation of this substance may cause pulmonary edema.

More information on safety information is provided in the Safety Data Sheet.