

Technical Data Sheet

Product name: Reshine D5

INCI name: CYCLOPENTASILOXANE

CAS#: 541-02-6

General Information:

Reshine D5 silicone fluid is mainly single component of cyclomethicone pentamer. It's colorless and transparent liquid, without odor and irritation. It's easy to use and spread, imparting soft and lubricious feel to skin and hair. It is highly compatible with many cosmetic ingredients, without residues after evaporation. It can reduce surface tension; help to disperse pigments, widely used in personal care products such as make-up, skin care, hair care sunscreen, and antiperspirant, deodorant products.

Quality Specification:

Item	Specification
Appearance	Crystal clear fluid, free from suspended matter
Specific gravity(g/cm ³)	0.950-0.960
Viscosity (25°C, cst)	3.5-4.5
Water (ppm)max	150
D5/cyclpntasiloxane GC(% area)	96.0-100.0
D4/cyclotertasilxoane GC(% area)max	0.94

* These values indicate typical specification; they are not intended to be used as product specifications.

Benefits:

- Dry feel during application
- With moderate volatility, can stay on skin or hair surface for some time.
- Compatible with many personal care ingredients.
- Non-Occlusive, quick absorption
- Make skin and hair lubricious, reduced greasiness.
- Reduce surface tension, help to disperse pigments.
- Excellent spreadability.

End Application :

- Skin care, sunscreen products
- Make-up



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- Hair care products
- Antiperspirants, deodorants

Formula Guideline :

Reshine D5 is compatible with many cosmetic ingredients, even some waxes, fatty acids, fatty acid esters and non-volatile silicones. Mutual soluble with alcohol.

Storage & Handling

Standard Packing: 195kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.