

Cyclopentasiloxane RH-CM5

Description:

CAS No.:541-02-6

Structural formula: $[(CH_3)_2SiO]_5$

RH-D5 is cyclopentasiloxane. The product is nontoxic, odorless, colorless, tasteless. It has high compatibility with lots of cosmetic ingredients, with the benefits of bright, smooth, non-grease, for personal care products including antiperspirants, skin, sun care, hair conditioners, color cosmetics and particle/pigment treatment. It can provides improved efficacy in antiperspirants, wet combing in hair conditioners.

Parameter:

Item	Standard
Appearance	Colorless transparent liquid
Viscosity(25°C, mm ² /s)	3.8-4.2
Specific gravity (25°C)	0.940-0.960
Refractive index (25°C)	1.3850-1.4050
Purity, %	Min 99.0

Other viscosity can be provided according to customer's requirements.

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Application:

Hair care: Reduce drying time and sticky feel.

Skin care: Not stimulating, not blocked, more easily smear, reduce the greasy feeling, fast absorption

Sweat, deodorant: Reduce the adhesion, the surface of the clothing does not leave marks, increase the smoothness.

Package and Storage:

- ◇ 210L iron or plastic drum (N.W.190 kg / drum) Or 1000L IBC;
- ◇ Storage in dry, ventilated place under normal temperature. Keep container closed and away from heat, sparks, flame and the direct sunlight. No mixed storage with acid and alkali substance. The storage place should be provided fire equipment.
- ◇ Do not use those equipment and tools which easy to produce sparks. Careful handling while loading and unloading.

Precautions:

The mixture of vapor and air is explosive. It's easy to form explosive mixtures when fine dispersion composition in the air. Static electricity will be accumulated and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or using inert gas purge. Keep container closed and away from heat, sparks, and flame.

DISCLAIMER

The technical parameters provided in this paper are all typical values for reference only. They are not regarded as product acceptance standards and are subject to change without notice. Due to the difference of use conditions, we can not guarantee the effect and applicability of the product under all circumstances, and we will not be liable for any direct, indirect or accidental losses arising therefrom. Users shall conduct relevant tests or consult our technical personnel before using the product.

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