

CYCLOPENTASILOXANE

CYCLIC SILICONE FLUID

CYCLOPENTASILOXANE is a silicone fluid with low viscosity and a cyclic structure.

CHEMICAL-PHYSICAL PROPERTIES:

Appearance		LIQUID
Odour		CHARACTERISTIC
Colour		COLOURLESS
Solubility		ALCOHOLS – ALIPHATIC SOLVENTS – HALOGENATED SOLVENTS
Density	20°C; g/cm ³	0.950 ± 0.020
Viscosity	dyn. a 25°C; mPa·s	4 (APPROX.)
Water content	%	<0.5

STABILITY AND STORAGE:

CYCLOPENTASILOXANE should be stored in a dry/cold place in the original and closed containers. After use, close carefully the containers. The shelf-life is three years from the production date, as shown on original containers, for material kept in the right conditions.

APPLICATIONS:

CYCLOPENTASILOXANE is mostly used in cosmetic products for the formulation of hair care products, hair dyes, sun/milk creams and other body and face creams/emulsions.

It gives an emollient effect without greases residues/feeling, along antistatic and wetting effects. Also showing good shining properties, it forms a protective barrier versus water, sea salt, rain, humidity, appreciated on both hair and skin.

Other applications are, for examples, in wax based products, car care polishes, etc.

CYCLOPENTASILOXANE is mainly used formulated with other substances, while the percentage of application depends on the final result to be obtained.

CYCLOPENTASILOXANE is not soluble in water, being a-polar, but has a good solubility in most aliphatic and halogenated solvents.

The data presented in this technical data sheet are based on our own knowledge at the date of the last version. However, this shall not constitute a guarantee for any specific features and shall not establish a legally valid contractual relationship. Users must verify the suitability and thoroughness of provided information, according to each specific use of the product. Balsius, LTD does reserve the right to change or update the given information without notice.

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