

TECHNICAL DATA SHEET

- DPPG CG -

DEFINITION

Propylene glycol dipelargonate.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly synthetic origin.

DESCRIPTION

- INCI (PCPC): Propylene Glycol Dipelargonate
- CAS: 41395-83-9
- EINECS: 255-350-9

REGULATORY INFORMATION

For information on the regulatory status of this product, please consult the regulatory data sheet (RDS).

FIELD OF USE

This product is a cosmetic ingredient. It is recommended for use in cosmetic formulations (excluding oral hygiene products).

This ingredient must be used according to appropriate regulations. Gattefossé accepts no responsibility for the use of this product in applications other than those recommended.

USES

- Ester providing a dry skin feel, for multi-purposes
- Additive for emulsions, microemulsions, oils. May substitute silicone oils
- Non rancidable

STORAGE RECOMMENDATIONS

Store the product in its original packaging sealed tightly, protected from light and moisture.

Special temperature storage conditions are not required.

Product should be re-analyzed after a 3-year storage period under recommended storage conditions.

HANDLING ADVICE

Presentation: liquid.

Stir well to ensure homogeneity before use.

Container packaged under nitrogen. Flush with nitrogen after each opening of the container or use it

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HANDLING ADVICE

rapidly.

PACKAGING

Steel drum 200 kg (FFG).

Steel drum 25 kg (BFC).

Sample available upon request.

SAFETY OF USE

For information on the toxicology and safety of this product, please consult the product toxicological file and material safety data sheet (MSDS).

SOLUBILITIES AT 20°C(Eur. Ph.)

- Ethanol 96°: Soluble
- Chloroform, Methylene chloride: Soluble
- Water: Insoluble
- Mineral oils: Soluble

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Test	Specification
APPEARANCE	Oily liquid
ODOUR	Faint
COLOUR (Gardner Scale)	<= 2.0
APHA COLOUR	<= 70
SPECIFIC GRAVITY AT 20°C (D20/4)	0.915 to 0.920
REFRACTIVE INDEX AT 20°C	1.430 to 1.450
ACID VALUE	<= 0.50 mgKOH/g
SAPONIFICATION VALUE	305 to 325 mgKOH/g
IODINE VALUE	<= 1.0 gI ₂ /100g
HYDROXYL VALUE	<= 5 mgKOH/g
PEROXIDE VALUE	<= 6.0 meqO ₂ /kg
ALKALINE IMPURITIES	<= 30 ppm NaOH
WATER CONTENT	<= 0.50 %
SULPHATED ASHES CONTENT	<= 0.05 %
HEAVY METALS CONTENT (Pb)	< 10 ppm
ARSENIC CONTENT	< 2 ppm
CAPRYLIC ACID (C8)	<= 4.0 %
PELARGONIC ACID (C9)	92.0 to 99.0 %

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