

TECHNICAL DATA SHEET

- ISOSTEARYL ISOSTEARATE -

DEFINITION

Isostearyl Isostearate.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of vegetable and synthetic origins.

DESCRIPTION

- INCI (PCPC): Isostearyl Isostearate
- CAS: 41669-30-1
- EINECS: 255-485-3

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

- Oily component with rich skin feel and film forming property
- Mineral oils substitute.
- Additive for emulsions, lipsticks, body oils and microemulsions.
- 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.

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PACKAGING

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Steel can 4 kg (BF4).
Steel drum 185 kg (FFW).
Steel drum 20 kg (BFB).
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°: Insoluble
- Chloroform, Methylene chloride: Very soluble
- Water: Insoluble
- Mineral oils: Very soluble

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Test	Specification
APPEARANCE	Oily liquid
ODOUR	Faint
COLOUR (Gardner Scale)	<= 2.0
SPECIFIC GRAVITY AT 20°C (D20/4)	0.840 to 0.880
REFRACTIVE INDEX AT 20°C	1.450 to 1.470
VISCOSITY AT 20°C	30 to 60 mPa.s
ACID VALUE	<= 6.00 mgKOH/g
SAPONIFICATION VALUE	90 to 110 mgKOH/g
IODINE VALUE	<= 8.0 gI ₂ /100g
PEROXIDE VALUE	<= 6.0 meqO ₂ /kg
ALKALINE IMPURITIES	<= 30 ppm NaOH
WATER CONTENT	<= 0.50 %
SULPHATED ASHES CONTENT	<= 0.10 %
HEAVY METALS CONTENT (Pb)	< 10 ppm

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