

TEGOSOFT® TN / TEGOSOFT® TN 2 NA

Emollient esters that easily solve lipophilic active ingredients and UV filters

Intended use

Liquid lipophilic emollient

Benefits at a glance

- Solvents for oil soluble UV filters and other lipophilic active ingredients
- Especially suitable for sun care and skin care products
- Give a pleasant, non-oily skin feel
- Medium viscosity

INCI (PCPC Name)

C12-15 Alkyl Benzoate

Chemical and physical properties (not part of specifications)

Form	liquid
Color	clear

Further product information (not part of specifications)

Density (g/cm ³)	approx. 0.92
Viscosity at 25 °C according to Höppler (mPas)	approx. 12
Surface tension at 25 °C according to ring method (mN/m)	approx. 32
Spreadability	medium spreading

Polarity	very high polarity
Pour point following DIN ISO 3016 (°C)	approx. -6

Maximum solubility of UV filters in TEGOSOFT® TN [%]

Benzophenone-3	12
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	13
Butyl Methoxy-dibenzoylmethane	16
Ethylhexyl Triazone	8

Note

TEGOSOFT® TN 2 NA is available only out of NAFTA region and TEGOSOFT® TN for all other regions.

Properties

- Very high polarity with medium viscosity
- Solvents for oil soluble UV filters and other lipophilic active ingredients
- Dispersing agents for pigments and bentones
- Extender for perfume oils
- Gives a pleasant, non-oily skin feel
- Non-comedogenic

Application

TEGOSOFT® TN / TEGOSOFT® TN 2 is especially suitable for

- Sun care creams, lotions, oils
- Skin care preparations
- Antiperspirants
- Decorative cosmetics
- Bath oils
- Conditioning shampoos

Packaging

TEGOSOFT® TN: 800 kg pallet (4 x 200 kg drum)

TEGOSOFT® TN 2 NA: 720 kg pallet (4 x 180 kg drum)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

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