

Isoeicosane

Properties

Isoeicosane is a clear, colour- and odorless liquid with low viscosity and good spreadability. Isoeicosane is used as conditioner in hair care and as lipophilic, low viscosity carrier in skin care.

Specification

Analysis	Specification	Method No.*
Sum of C20 hydrocarbons	min. 98.0 wt.-%	3002-0202103-98D
Sum of C16 hydrocarbons	max. 2.0 wt.-%	3002-0202103-98D
Carbonyls	max. 1.0 mg/kg	3002-0300303-98D
Bromine number	max. 2.0 g/ Br ₂ /100 g	3002-0300502-98D
Sulphur	max. 3.0 mg/kg	3002-0302802-00D
Peroxides	max. 1.0 mg/kg	3002-0300502-98D
Neutralisation number	max. 0,01 mg KOH/g	3002-0300303-98D

* Refers to the analysis methods used when compiling this product information sheet.

Physical / Chemical Data

Density at 20°C	0.83 g/ml	Safety data and information relating to environmental aspects can be found in the safety data sheet, which is available on request from the address below.
at 15°C	0.81 g/ml	
Solidification point	-49°C	
Flash point	130°C	
Boiling range start	275°C	
end	335°C	

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Isoeicosane

Storage and Handling

In the original sealed containers the product can be stored for at least two years. Protect from light and moisture. Temperature not exceeding 30°C.

Shelf Life

At least 2 years in original sealed containers.

Packaging

170 kgs net Drums (Steel)

Labeling

No labelling is required in accordance with the EEC directives.

Legal Situation

Isoeicosane complies with the regulations in the European Union, the United States of America and Japan.

INCI:	Isoeicosane
CAS No.:	93685-79-1
EINECS No.:	297-627-7
Customs Tariff No.:	271019 41

Advantages

- non greasy
- colourless
- highly stable
- dermatologically safe
- satiny texture
- good compatibility with other ingredients
- non comedogenic
- low viscosity

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Application

- Conditioning agent for use in hair rinses, hair conditioners, mousses and hair sprays
- Plasticizer for resins in hair sprays, styling gels and mousses
- Low viscosity, lipophilic component for skin and sun care

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