



**sasol**

# PARAFOL

## Oleochemical Paraffins for Cosmetics

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Sasol Performance Chemicals



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## Oleochemical Paraffins for Cosmetics

### Description

Sasol Germany GmbH manufactures a range of high pure and linear single cut paraffins made from renewable sources. They are marketed under the trademark **PARAFOL**.

**PARAFOL 12-97** is a non-polar, very light and highly spreading emollient. It is a readily biodegradable alternative to D5 silicone oils.

**PARAFOL 14-97** is a non-polar, light and highly spreading emollient. The readily biodegradable oil can be used as alternative to isohexadecane.

### Features

- Low viscous, volatile and fast spreading emollients
- pH stable, ability to formulate at extreme pH conditions
- Compatible with silicones, lipophilic cosmetic ingredients and UV filters

### Natural-based alternative for silicone and petrochemical-free formulation concepts

### Applications

The **PARAFOL** products can be used in a wide range of cosmetic formulations for instance

	Recommended use level
• Hair Care	1 to 10 %
• Skin Care	1 to 10 %
• Sun Care	1 to 3 %
• Colour Cosmetics	1 to 10 %



## Physical Properties

Typical physical properties are listed in the table below. Actual properties will vary from lot to lot.

Typical properties		PARAFOL 12-97	PARAFOL 14-97
INCI name		Dodecane	Tetradecane
CAS no.		112-40-3	629-59-4
Feedstock		oleochemical	
Appearance @20 °C		clear, colourless liquid	
Molecular weight	[g/mol]	170	198
Purity	wt %	97.0 min.	97.0 min.
Colour	Hazen	20 max.	20 max.
Pour point	°C	-10	6
Refractive index	nD	1.4216 @20 °C	1.4289 @20 °C
Viscosity	mPas	1.5 @20 °C	2.3 @20 °C
Density	g/ml	0.749 @20 °C	0.763 @20 °C
Surface tension	mN/m	25.1 @20 °C	28.0 @20 °C

**Packaging:**

155 kg coated steel drums

**Packaging compatibility:**

Compatible with materials like HDPE coated with EVOH or PA

**Storage:**

Protect from moisture and sunlight; keep between 5 and 30 °C

**Shelf life:**

48 months from the date of manufacture, when properly stored and handled

**Certificates (Sasol Germany GmbH):**

ISO 14001; ISO 9001; OHSAS 18001; EMAS; Kosher Certificate; COSMOS/ECOCERT



Sasol is a producer of ingredients for cosmetics and personal care products. Our global manufacturing network along with highly skilled marketing, research and development teams are dedicated to helping you achieve your performance and formulation requirements. Take advantage of Sasol's experience in product development.

# At Your Service



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## Sasol Performance Chemicals

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