

## Technical Information

**Cutina® HR Flakes**

PRD 30731503

Valid since 08.11.2023  
Revision 1.1

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**Care Chemicals****Consistency Factors****INCI name(s)**

Hydrogenated Castor Oil

**Chemical description**

Hardened castor oil

**Physical form:**

White to slightly yellowish, fine, free-flowing flakes

**Molecular weight**

approx. 940 g/mol

<b>CASR-No.</b>	<b>Ingredient</b>	<b>Remark</b>
8001-78-3	Hydrogenated castor oil	

**Characteristic values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

**Quality control data**

(Data which is used for quality release and is certified for each batch.)

<b>Test property</b>	<b>Specification</b>
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Solubility in chloroform (10 %)	Corresponds
Water content	0.00 - 0.10 %
Ash	0.0 - 0.1 %
Heavy metals	max. 10 ppm
Acid value	0.00 - 3.10 mg KOH/g
Iodine value	0.0 - 5.0 g I/100 g
Hydroxyl value	145.0 - 165.0 mg KOH/g
Saponification value	176.0 - 182.0 mg KOH/g
Melting point/range	85.0 - 88.0 °C

Specific methods used for batch release see Certificate of Analysis.



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**Care Chemicals**

## Storage information

**Shelf life**  
24 months

**Storage temperature**  
< + 30 °C

**Storage conditions**  
In original sealed containers and protected from moisture

## Stabilising additives / Auxiliaries

**Preservatives**  
not present

**Antioxidants**  
not present

**Solvents**  
not present

**Others**  
not present

## General information

**Raw material basis**  
Vegetable: (castor oil)

## Composition hints for finished product label

### INCI Components

INCI Name (US/EU/CN)	Content
Hydrogenated Castor Oil	Complete *

\* Complete means conclusively describes the substance



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**Care Chemicals**

## Product properties

### Solubility

Ethylether:	practically insoluble
Chloroform:	freely soluble
Petrolether:	practically insoluble
Ethylalcohol:	practically insoluble
Paraffin oil:	practically insoluble
Water:	practically insoluble

## Miscellaneous information

### Example of use

Cutina® HR Flakes are suitable for all skin care applications, particularly for sticks.

**Intended for use as cosmetic ingredient**

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