

Technical Information

Cutina® HR Flakes

PRD 30731503

Valid since	14.03.2019
Revision	1.0
WF-No.	19417
Page	1 of 3

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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

CASR-No.	Ingredient
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.)

Test property	Specification
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Solubility in chloroform	Corresponds to DAB / Ph.Eur.
Water content	max. 0.10 %
Ash	max. 0.1 %
Heavy metals	max. 10 ppm
Acid value	max. 3.10 mg KOH/g
Iodine value	max. 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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Page 2 of 3

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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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Page 3 of 3

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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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Care
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