

Technical Information

Cutina® HVG

PRD 30537467

Valid since 06.10.2020
Revision 3.0

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

Hydrogenated Vegetable Glycerides

Chemical description

Blend of Fatty Acid Mono-/Diglycerides

Physical form:

White to slightly yellowish, hydrophilic wax which is supplied as granules

Molecular weight

approx. 330 g/mol

CASR-No.	Ingredient
85251-77-0	Glycerides, C16-18 mono- and di-

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	Test method
Appearance at room temperature	Corresponds to the standard	Internal method 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Free glycerine	3.0 - 5.0 %	DGF E-III 3A
Acid value	max. 6.0 mg KOH/g	DGF C-V 2
Saponification value	165 - 180 mg KOH/g	DGF C-V 3
Melting point	52 - 58 °C	DGF C-IV 3A

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Care Chemicals

Storage information

Shelf life
18 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: (coconut / palm kernel oil)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Hydrogenated Vegetable Glycerides, alternatively Glyceryl Stearates	Complete *

* Complete means conclusively describes the substance



We create chemistry

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Care Chemicals

Product properties

Solubility

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

Miscellaneous information

Example of use

Due to its consistency giving properties, Cutina® HVG is mainly used for the viscosity adjustment in cosmetic O/W emulsions.

Intended for use as cosmetic ingredient

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