



# GOSULIN HOLD

Artn: 600886

## PRODUCT DOSSIER

### 1. Product identity:

#### 1.1 Product group:

Styling Agent  
Thickening

#### 1.2 Product description:

GOSULIN® HOLD is a combination of 2 natural polysaccharides:

- Cellulose gum; High molecular-weight carboxylated cellulose obtained from sawdust, a waste product from woodworking.
- Agave Inulin; Branched inulin extracted from Agave tequilana and purified to obtain mainly high molecular weight polysaccharides.

Composition: A blend of inulin and cellulose gum.

#### 1.3 Composition:

INCI	%	Cas n°
CELLULOSE GUM	>90	9004-32-4
INULIN	<10	9005-80-5

  

CTFA	%	Cas n°
CELLULOSE GUM	>90	9004-32-4
INULIN	<10	9005-80-5

#### 1.4 Additives:

Not present

#### 1.5 Allergenic ingredients:

Not present

#### 1.6 Origin and function:

INCI (CTFA):	Origin	Function
CELLULOSE GUM	Vegetable	EMULSION STABILISING
INULIN	Vegetable	SKIN CONDITIONING

### 2. Production process information:

Inulin- Hot water extraction of chicory roots.  
Cellulose gum- Reaction of cellulose with chloroacetic acid.  
Blending.

#### 2.1 Irradiation:

Yes  No



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## 2.2 Additional information:

See file: ProdProc-GosulinHold-2301.pdf

## 3. Impurities:

### 3.1 Heavy metals:

Name	Value
Total	< 10 ppm

### 3.2 Pesticides:

Not expected to be present.

### 3.3 CMR impurities:

Not expected to be present.

### 3.4 Prohibited impurities:

Not expected to be present.

### 3.5 Other impurities:

#### 3.5.1 Residual solvent

Name	Value	Comments
Methanol	<=2600 ppm	Impurity of cellulose gum
Isopropanol	<=4300 ppm	Impurity of cellulose gum

#### 3.5.2 Residual monomers

Not expected to be present.

#### 3.5.3 Residual reactants

Not expected to be present.

#### 3.5.4 Polyacrylic Aromatic Hydrocarbons

Not expected to be present.



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## 3.5.5 Others

Name	Value
1,4-Dioxane	- Not expected to be present.
Sodium Glycolates	<=3500 ppm By product
Sodium Chloride	<=2500 ppm By product
Ethylene Oxide	- Not expected to be present.
Diethylene Glycol	- Not expected to be present.
Dioxin	- Not expected to be present.
Sulfite	- Not expected to be present.
Aromatic Amines	- Not expected to be present.
Acrylamide	- Not expected to be present.
Nitrosamines	- Not expected to be present.
Monochloroacetic Acid	- Below detection limits
Dichloroacetic Acid	- Not expected to be present.
Formol	- Not expected to be present.
Formaldehydes	- Not expected to be present.
Phthalates	- Not expected to be present.
Glycol Ether	- Not expected to be present.
Bisphenol A	- Not expected to be present.
Lactose	- Not expected to be present.
Proteins	- < 0.1 g/100 g d.m. - According to applicable rounding rules in EU and US
Glyoxal	- Not expected to be present.
Gossypol	- Not expected to be present.



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## 4. Physio-chemical characteristics:

### 4.1 Specification

Parameter	Specification
Appearance @ 20°C	Powder
Colour	White to slightly yellowish
Odour	Characteristic
pH @ 1% sol. @ 20°C	6 - 8.5
Moisture	<= 10 %
Viscosity @1% @ 20°C	1000 - 3633 mPa*s Brookfield DV-II+ Viscometer, spindle C, RPM 3.0

### 4.2 Typical Microbiology:

Parameter	Value
Total Vival Count (TVC)	<100 CFU/g
Yeast	<10 CFU/g
Moulds	<10 CFU/g
Candida Albicans	Absent / 1g
Escherichia Coli	Absent / 1g
Pseudomonas Aeruginosa	Absent / 1g
Staphylococcus Aureus	Absent / 1g

### 4.3 Fatty acids distribution:

-

### 4.4 Typical Properties:

No information

### 4.5 Quality of the product:

Type	Details
Natural Index (acc. to ISO 16128)	NI=1
Natural Origin Index (acc. to ISO 16128)	NOI=1
Organic Index (acc. to ISO 16128)	OI=0
COSMOS	Product certified, see current certificate for details.



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## 5. Formulation guideline:

### 5.1 Solubility:

Name	Solubility
Water	Dispersable
Glycerine	Dispersable
Propylene glycol	Dispersable
Ethanol	Insoluble
Mineral oil	Insoluble
Octylstearate	Insoluble
Soya oil	Insoluble
Cyclomethicone	Insoluble
Dimethicone	Insoluble
Oil	Insoluble

### 5.2 Compatibility:

Name	Compatibility
Carbomer	Compatible
Colourants - oil soluble	Compatible
Colourants - water soluble	Compatible
DHA	Compatible
Electrolytes +	Compatible
Electrolytes ++	Compatible
Electrolytes Al/Zr +++	Incompatible
Essential oils	Compatible
Hydrogen peroxide	Incompatible
Mineral oils	Compatible
Oxidizing agents	Incompatible
Parfum	Compatible
Plant extracts	Compatible
Preservatives	Compatible
Reducing agents	Incompatible
Silicone oils	Compatible
Synthetic oils	Compatible
Thioglycolates	Incompatible
Vegetable oils	Compatible
Vitamines	Compatible

### 5.3 pH range:

3.5 - 8.0

### 5.4 Maximum heating temperature:

< 80 °C



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## 5.5 Incorporation:

Disperse the product into the cold water for 2-3 hours.  
Disperse the product into hot water (>65°C) and mix for 1h.

## 5.6 Dosage:

Application	%
Hair styling waxes	1 - 3
Hair styling gels	1 - 3
Transparant gels	1 - 2

## 5.7 Additional information:

None

## 6. Product properties:

- Excellent hold
- Hair hydration
- Curl retention
- Velvet hair feel
- Natural shine
- Natural look
- Flake free

## 7. Product application:

-

## 8. Product claims:

-

## 9. Logistics:

### 9.1 Shelf life:

24 months

### 9.2 Storage information:

Store in a cool, dry and well-ventilated area, below 25°C. Relative humidity should not exceed 60%.

### 9.3 Customs Tariff Code (HS)

39123100

### 9.4 Country of origin:

NL



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## 9.5 Packages information:

Quantity (kg)	Type:	Package material:	Amount EURO Pallet	Amount Block Pallet
1 kg	Bucket	PP	NR	NR
5 kg	Bucket	PP	NR	NR
20 kg	Bag	LDPE	NR	500 kg

## 10. Regulation:

### 10.1 Cosmetic regulation status

Country	Status	Comments
Australia	Compliant	AICS - Australian Inventory of Chemical Substances
Canada	Compliant	DSL - Canadian Domestic Substances List
China	Compliant	CSAR Registered. Submission code: 169999-02353-7904
EU	Compliant	Regulation (EC) No 1223/2009
Japan	Compliant	ISHL- Industrial Safety and Health Law of Japan
Korea	Compliant	ECL- Korean Existing Chemicals List
Mexico	Compliant	-
Middle East	Compliant	-
Turkey	Compliant	-
US California	Compliant	Compliance with Regulation California Proposition 65. The product contains residual methanol used as a solvent and removed with the best available technique. The quantity of residual methanol in the product doesn't require additional information on the label. For the details see the statement.
USA	Compliant	FD&C Act – 21 CFR 700 to 740
New Zealand		-
South Africa		-
Mercosul: Argentina, Paraguay, Uruguay, Venezuela, Brazil	Compliant	Southern Common Market
Asean: Burnei Darussalam, Cambodia, Indonesia, Laos, Myanmar, Philipipines, Singapore, Thailand, Viatnam	Compliant	ASEAN Cosmetic Directive

### 10.2 REACH registration status

Ingredient	Status
CELLULOSE GUM	Exempt: Annex V, art 2(7)(b), point 9 of EC 987/2008 (as composed of the natural, chemically non-modified, ingredients).
INULIN	Exempt: Annex V, art 2(7)(b), point 9 of EC 987/2008 (as composed of the natural, chemically non-modified, ingredients).



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### 11. Toxicological profile:

No information available.

### 12. IFRA Statements:

Not relevant.

### 13. Statements:

Allergens	The substances suspected to be allergenic and listed in Annex III of EC 1223/2009 are below detection limit.
CMR	Based on our current knowledge of the production process, the used raw materials, the produced by products, the impurities and the equipment used we do not expect CMR substances 1A, 1B and 2 according to EC 1272/2008 Annex VI present in the product. The product is fully in compliance with article 15 of EC 1223/2009.
Animal Testing	This raw material has not been tested on animals for cosmetic purposes after the date 11/03/2009. This raw material is in compliance with article 18 EC 1223/2009.
Annex II Ingredients	This raw material does not contain any of the substances listed in Annex II ('List of substances prohibited in cosmetic products') of the European Commission's Cosmetic Ingredient Database (CosIng).
BSE/TSE	This raw material does not contain and is not derived from bovine, ovine or caprine materials other than those derived from animals born, continuously reared and slaughtered in a country or region classified as posing a negligible BSE risk by a decision in accordance with Article 5(2) of Regulation (EC) No 999/2001. During production, storage and transport there is no contact with any bovine and a cross contamination is excluded. Therefore the requirements of Comm. Dirc 1999/82/EEC, CPMP/BWP/1230/98, Ph.EUR. Suppl. 2000:5.2.8 are not applicable.
Children Exploitation	No children are involved in the production process of this material. We strictly prohibit the use of child labour under the age of 15 or under the age for completion of compulsory education, whichever is higher, per the ILO Minimum Age Convention No. 138 (1973) and prohibit work that would harm the health, safety or morals of children per the ILO Worst Forms of Child Labor Convention No. 182 (1999).
CITES Vegetal Species	This raw material does not contain components regulated by CITES Vegetal Species.





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Conflict Minerals	This raw material does not contain Conflict Minerals from countries which are known as conflict areas mentioned by the Dodd-Frank Act Section 1502. We are in a constant contact with our suppliers to ensure that the requirements of Conflict Free Minerals are fulfilled within the supply chain. It is our intention not to accept tin, tantalum, tungsten, gold or their derivatives known to originate from conflict areas.
CoRAP	This raw material does not contain any substances included in the CoRAP list.
Food allergens	The substances suspected to be allergenic and listed in Annex II of the regulation 1169/2011/CE are not intentionally added to the product. To the best of our knowledge, a formation of these components during manufacturing and handling is not probable and therefore a presence in the product is not expected. It concerns the following food allergens: cereals containing gluten; eggs; fish; peanuts; soybeans; milk; nuts; celery; mustard; sesame; sulphur dioxide and sulphites molluscs.
Gluten	This raw material is free from gluten.
GMO	This raw material does not contain ingredients derived from GMO sources. However relevant thresholds for adventitious or technically unavoidable cross-contamination as laid down in 1829/2003/EC are accepted.
Green Chemistry	This raw material is produced according to the guidelines of 12 principals of green chemistry.
Halal	All ingredients used in the production process of this raw material are non-animal based and/or do not contain any animal impurities. The following ingredients have been explicitly excluded during the complete production process: <ul style="list-style-type: none"><li>- swine/pork and its by-products, or ingredients based on swine/pork,</li><li>- animals improperly slaughtered or dead before slaughtering,</li><li>- animals killed in the name of anyone else than Allah,</li><li>- ethanol (alcohol) or drugs,</li><li>- carnivorous animals,</li><li>- birds of prey,</li><li>- land animals without external ears,</li><li>- blood, blood by products and blood derived ingredients.</li></ul> This raw material is not Halal certified.
Impurities	The presence of any impurities is non-intended and technically unavoidable in good manufacturing practice. We hereby declare that all relevant and legal relevant ingredients, impurities, cross contaminants, by-products, residual solvents, additives and micro-organisms are declared and elaborated in this product dossier. All other ingredients, impurities, cross contaminants, by-products, residual solvents, additives and micro-organisms, which have not been mentioned and elaborated in this dossier are not relevant and are by consequence not present in the product.
Kosher	This raw material is not derived from, nor does it contain pork and/or pork derivatives. This product is not Kosher certified.



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Microplastic	<p>This raw material does not contain:</p> <ul style="list-style-type: none"><li>- microplastic ingredients listed in UNEP report 'Plastic in Cosmetics', 2015,</li><li>- microplastic ingredients listed in TAUW-report "Test to assess and prevent the emission of primary synthetic microparticles"</li><li>- microplastic ingredients according to the definition of Plastic Soup Foundation</li><li>- microplastic ingredients according to the definition of ECHA proposal Annex XV (microplastic' means particles containing solid polymer, to which additives or other substances may have been added, and where <math>\geq 1\%</math> w/w of particles have (i) all dimensions <math>1\text{ nm} \leq x \leq 5\text{ mm}</math>, or (ii) a length of <math>3\text{ nm} \leq x \leq 15\text{ mm}</math> and length to diameter ratio of <math>&gt;3</math>. Natural polymers that have not been chemically modified are excluded, as are polymers that are (bio)degradable (according to the criteria set out in Appendix X of the proposal) or soluble (according to the criteria set out in Appendix Y on the proposal).</li></ul>
Mycotoxins	<p>This raw material does not contain mycotoxins and their metabolites. This raw material meets the limits stipulated by EC 1881/2006.</p>
Nagoya	<p>The best of our knowledge, this raw material is conform to the Nagoya Protocol Regulation (EU) N°511/2014 (EU CM-ABS Regulation) on access to genetic resources and the fair and equitable sharing of benefit arising from their utilization.</p>
Nanomaterials	<p>This raw material is not classified as nanomaterial according to COLIPA's guidance SCCS/1484/12, EU Cosmetic regulation 1223/2009, French Decree n° 2012-232 and Commission Recommendation of 10.6.2022 on the definition of nanomaterial 2022/EC.</p>
Palm Origin	<p>This raw material contains palm oil and/or palm kernel oil.</p>
PFAS	<p>This raw material and its package don't contain any Per- and polyfluoroalkyl substances (PFASs).</p>
SVHC	<p>This raw material does not contain substances listed as Substances of Very High Concern under the REACH Regulation.</p>
TSCA	<p>This raw material is not listed in the TSCA Chemical Substance Inventory.</p>
Vegan	<p>This raw material neither contains animal and/or animal derived ingredients, nor has it been in contact with animal and/or animal derived ingredients. To the best of our knowledge, this raw material fulfills the requirements set by the Vegan Society.</p>
VOC	<p>This raw material does not contain substances listed as Volatile Organic Compounds.</p>

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