

## SAFETY DATA SHEET

ACCORDING TO GLOBALLY HARMONIZED SYSTEM (GHS), REGULATION (EC) NO. 1907/2006  
(REACH) AND REGULATION (EC) NO. 1272/2008 (CLP)

SDS: 848	<b>GoBlond®</b>	REVISION : 04 DATE: May / 2019
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### I – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### I.1. Product Identifier:

I.1.1. Trade Name: GoBlond®

I.1.2. INCI Name: (Suggested) Water (and) Linum Usitatissimum (Linseed) Seed Extract (and) Polyquaternium-7 (and) Sericin (and) Fibroin (and) Guar Hydroxypropyltrimonium Chloride (and) Hydroxypropyl Starch Phosphate.

I.2. Relevant identified uses of the substance or mixture and uses advised against: SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites / PC39 – Cosmetics, Personal Care Products.

#### I.3. Details of the supplier of the Safety Data Sheet

Manufacturer/supplier: Chemyunion Ltda.

Address: Avenida Independência, 1501, Iporanga. CEP: 18087-101 - Sorocaba – São Paulo.

Phone: +55 (15) 2102-2000

Fax: +55 (15) 2102-2005

e-mail address of competent person responsible for the SDS: vendas@chemyunion.com

I.4. Emergency telephone number: +55 (15) 2102-2000 / +55 (15) 2102-2086 / Suatrans +55 (11) 3010-3700 or 0800 707 7022.

### 2 – HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No. 1272/2008 (CLP) /GHS: Hazardous to the aquatic environment (long-term): Category 3. Hazardous to the aquatic environment (short-term): Category 3.

#### 2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No. 1272/2008 (CLP) / GHS

Hazard pictograms: Not required.

Signal Word: Not required.

Hazard Statements: H412 - Harmful to aquatic life with long lasting effects. H402: Harmful to aquatic life.

Precautionary statements: P273 – Avoid release to the environment. P501 – Dispose of contents/container in accordance with local regulation.

2.3. Other hazards which do not result in classification: None

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Substance

CAS Number	Identification name	Weight % Content (Or range)	REACH Registration
-	-	-	-

#### 3.2. Mixture:

Description of the mixture: Delivery system composed by protein chains from full silk and plant polysaccharides.

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Ingredient (INCI or Chemical Name)	CAS Number	EC Number*	Concentration Range % (w/w)	REACH Registration	Classification according to Regulation (EC) No. 1272/2008 (CLP)/GHS
Water (EU: Aqua, JPN: Onsen-Sui)	7732-18-5	231-791-2 (I)	32.00 – 60.50	Exempt (Annex IV)	Not classified as dangerous according to CLP /GHS
Linum Usitatissimum (Linseed) Seed Extract	8001-26-1	232-278-6 (I)	20.00 – 40.00	Exempt (Annex V)	Not classified as dangerous according to CLP /GHS
Polyquaternium-7	26590-05-6	Polymer (exempt)	10.00 - 20.00	Exempt (Polymer)	Hazardous to the aquatic environment (long-term): Category 3.
Sericin	96690-41-4 / 60650-88-6	293-402-2 (I)	1.00 – 5.00	Exempt (Below 1 tonne per year)	Not classified as hazardous according CLP/ GHS
Fibroin	9007-76-5	232-705-6 (I)	0.30 – 3.00	Exempt (Below 1 tonne per year)	Not classified as hazardous according CLP/ GHS
Guar Hydroxypropyltrimonium Chloride	65497-29-2	232-536-8 (I)	0.30 – 2.00	Exempt (Polymer)	Hazardous to the aquatic environment (short term): Category 1. Hazardous to the aquatic environment, (long-term) : Category 1.
Hydroxypropyl Starch Phosphate	113894-92-1	-	0.10 – 1.50	Exempt (Polymer)	Not classified as hazardous according CLP/ GHS
Benzyl Alcohol	100-51-6	202-859-9 (I)	0.30 – 1.00	Exempt (Below 1 tonne per year)	Acute toxicity - Oral: Category 4. Acute Toxicity – Inhalation: Category 4.
Xylitol	87-99-0	201-788-0 (I)	0.25 – 1.25	Exempt (Below 1 tonne per year)	Not classified as dangerous according to CLP/ GHS
Caprylic Acid	124-07-2	204-677-5(I)	0.25 – 1.25	Exempt (Below 1 tonne per Year)	Skin Corrosion/irritation: Category 1C. Hazardous to the Aquatic Environment (long-term): Category 3.

\*EINECS – (I); ELINCS – (L); No-Longer Polymer – (NLP)

Additional Information: Not required.

### 4 – FIRST AID MEASURES

#### 4.1. Description of first aid measures:

**4.1.1. General Notes:** If necessary, look for medical attention immediately taking the label or SDS of the product.

**4.1.2. Following Inhalation:** Remove the victim to fresh air. If cough or any other symptoms develops, seek immediate medical attention. If not breathing, give artificial respiration. If breathing, give oxygen. Obtain medical attention immediately.

**4.1.3. Following Skin contact:** Wash skin with soap and water and remove the contaminated clothes and shoes. If symptoms develop, seek medical attention. Wash contaminated clothes and shoes before reuse.

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**4.1.4. Following Eye contact:** Flush eyes with plenty of clean water, keeping the eyes opened to assure the product removal. If irritation persists, seek medical attention.

**4.1.5. Following Ingestion:** Wash mouth abundantly with water. Do not induce vomit or ingest liquid unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention.

**4.1.6. Self-protection of the first aider:** Use appropriate protection equipment, such as: rubber gloves, safety glasses and suitable mask.

**4.2. Most important symptoms / Effects, both acute and delayed:** Chemical not classified as hazardous according to CLP/GHS.

**4.3. Indication of any immediate medical attention and special treatment needed:** Symptomatic treatment. Do not induce vomit.

### 5 – FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

**5.1.1. Suitable extinguishing media:** Dry chemical, carbon dioxide, foam and water in fog form.

**5.1.2. Unsuitable extinguishing media:** Do not use direct water stream, unless operated by trained person.

#### 5.2. Special hazards arising from the substance or mixture:

**5.2.1. Hazards combustion products:** None known.

**5.3. Advice for fire-fighters:** Full protective clothing including self contained breathing apparatus (SCBA).

### 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures:

##### 6.1.1. For non-emergency personnel

**Protective equipment:** Use appropriate protection equipments, such as: rubber gloves, safety glasses and suitable mask.

**Emergency procedures:** Use appropriate protection equipments, such as: rubber gloves, safety glasses and suitable mask.

**6.1.2. For emergency responders:** Wear suitable protective equipment (including personal protective equipment (Section 8 of the SDS) to prevent any contamination of skin, eyes and personal clothing.

#### 6.2. Environmental precaution: Avoid material from entering drains and rivers.

**6.3. Methods and materials for containment and cleaning up:** Floor may become slippery. Remove the product with adequate absorbent material, using sand, sawdust, absorbent blankets, etc. Sweep up or vacuum spilled material. Water is indicated to be used freely (recommended to warm it at 70 – 80°C), with the presence of any common detergent. Wear appropriate protective equipment and clothing during clean-up.

**6.3.1. For containment:** Keep packaging sealed stored in sheltered dry, ventilated area, at room temperature. Do not handle product without appropriate protection equipments. Adequate hygiene conditions are recommended to avoid contamination.

**6.3.2 For cleaning up:** Remove product mechanically with the aid of suitable material such as shovels, brooms, etc. and collect it appropriately in container for disposal. Water is indicated to be used freely. Wear appropriate protective equipment and clothing during clean-up.

**6.3.3 Other information:** None known.

**6.4. Reference to other sections:** Protection equipment see Section 8.

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### 7 – HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

##### 7.1.1. Protective measures

**Measures to prevent fire:** Do not handle product without appropriate protection, equipments (see Section 8). Adequate hygiene conditions are recommended to avoid contamination. Seal the package properly (preferably under nitrogen) before use or sampling. Avoid prolonged product exposition to air.

**Measures to prevent aerosol and dust generation:** Dust suspended indoors and in the presence of ignition source may constitute a risk of explosion.

**Measures to protect the environment:** The product is not classified as dangerous according to Directive 1999/45/EC, Directive 67/548/EEC and Directive 2001/58/EC. It also does not contain any substance for which there are community workplace exposure limits.

**7.1.2. Advice on general occupational hygiene:** Avoid contact with eyes. Wash hands after handling. Shake before using or sampling. Wash contaminated clothing and equipments before reuse. Keep the product in its original packaging. Do not reuse the empty packaging.

#### 7.2. Conditions for safe storage, including any incompatibilities

**7.2.1. Technical measures and storage conditions:** Store in a sheltered, dry, ventilated area, at room temperature. Product remains stable until expiry date indicated if stored in its original sealed packaging. Seal the packaging properly after use or sampling. Avoid product exposure to air. Avoid product contamination.

**7.2.2. Packaging materials:** Packaging properly sealed and labeled.

**7.2.3. Requirements for storage rooms and vessels:** None specific requirement necessary.

**7.2.4. Storage class:** Not applicable.

**7.2.5. Further information on storage conditions:** Protect containers against damage.

#### 7.3. Specific end use(s)

**7.3.1. Recommendations:** Industrial use.

**7.3.2. Industrial sector specific solutions:** Cosmetic industry.

### 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

**8.1.1. Occupational exposure limit:** Not available.

**8.1.2. Recommended monitoring procedures:** No special requirements under normal use conditions.

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

**Substance/mixture related measures to prevent exposure during identified uses:** Use appropriated protection equipment (Section 8.2.2).

**Structural measures to prevent exposure:** No engineering control measure is required. However, it is recommended ensure adequate ventilation and keep shower and eyewash near the workplace.

**Organisational measures to prevent exposure:** Provide appropriated protection equipment (Section 8.2.2).

**Technical measures to prevent exposure:** No special requirements under normal use conditions.

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### 8.2.2. Personal protection equipment

**Eye and face protection:** Wear appropriate chemical safety goggles.

**Skin protection:** Wear apron and rubber or PVC boots.

**Hand protection:** Wear protective gloves.

**Other skin protection:** Wear apron and rubber or PVC boots.

**Respiratory protection:** N95 mask.

**Thermal hazards:** Dust suspended indoors and in the presence of ignition source may constitute a risk of explosion.

### 8.2.3. Environmental exposure controls

**Substance/mixture related measures to prevent exposure:** Avoid material from entering drains and rivers.

**Instruction measures to prevent exposure:** No special requirements under normal use conditions.

**Organisational measures to prevent exposure:** Avoid material from entering drains and rivers.

**Technical measures to prevent exposure:** No special requirements under normal use conditions.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties:

9.1.1. **Appearance:** Viscous liquid and yellow to dark brown.

9.1.2. **Odour:** Characteristic.

9.1.3. **Odour threshold:** Not available.

9.1.4. **pH:** 4.00 -7.50 (25°C).

9.1.5. **Melting point/Freezing point:** Not applicable.

9.1.6. **Initial boiling point/Boiling range:** Not available.

9.1.7. **Flash point:** 180°C.

9.1.8. **Evaporation rate:** Not available.

9.1.9. **Flammability (solid, gas):** Not applicable.

9.1.10. **Upper/lower flammability or explosive limits:** Not applicable.

9.1.11. **Vapour pressure:** Not available.

9.1.12. **Vapour density:** Not available.

9.1.13. **Relative density:** 0.900 - 1.200 g/cm<sup>3</sup> (25°C).

9.1.14. **Solubility (ies):** Dispersible in water.

9.1.15. **Partition coefficient (n-octanol/water):** Not available.

9.1.16. **Auto-Ignition temperature:** Not applicable.

9.1.17. **Decomposition temperature:** Not available.

9.1.18. **Viscosity:** Not available.

9.1.19. **Explosive properties:** Not applicable.

9.1.20. **Oxidising properties:** Not available.

9.2. **Other information:** Density: None.

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### 10 – STABILITY AND REACTIVITY

**10.1. Reactivity:** Not available.

**10.2. Chemical Stability:** Product is stable under usual conditions.

**10.3. Possibility of hazardous reactions:** None known.

**10.4. Conditions to avoid:** Avoid exposure the product to air. Avoid exposure of the product contamination and elevated temperatures.

**10.5. Incompatible materials:** None known.

**10.6. Hazardous decomposition products:** In case of fire, carbon dioxide, carbon monoxide and water in fog form may be released. In certain combustion conditions, traces of other toxic substances may not be excluded.

### 11 – TOXICOLOGICAL INFORMATION

#### 11.1. Acute Toxicity

##### 11.1.1. Oral

Test / Type	Result
Not available.	Chemical not classified as hazardous according CLP/GHS.

##### 11.1.2. Dermal

Test / Type	Result
Phototoxicity / In vitro Test	Non phototoxic.

##### 11.1.3 Inhalation

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

#### 11.2. Skin corrosion/Irritation

Test / Type	Result
Repeated Dermal Irritation (PC5) / Clinical Assessment	It was not observed potential for dermal irritation

#### 11.3. Serious eyes damage /Irritation

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

#### 11.4. Respiratory or Skin Sensitization

Test / Type	Result
Dermal Sensitization (HRIPT) / Clinical Assessment	It presented no primary dermal irritation potential, no repeated dermal irritation potential and no sensitization potential.

#### 11.5. Germ cell mutagenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

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### 11.6. Carcinogenicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

### 11.7. Reproductive toxicity

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

### 11.8. STOT-Single exposure

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

### 11.9. STOT-repeated exposure

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

### 11.10. Aspiration Hazard

Test / Type	Result
Not available	Chemical not classified as hazardous according CLP/GHS.

### 11.11. Specific effects

Test / Type	Result
Mutagenicity (Ames Test)/In vitro Test	Not Mutagenic.

## 12 – ECOLOGICAL INFORMATION

### 12.1. Toxicity

Test / Type	Result
Not available.	Harmful to aquatic life with short and long lasting effects. Harmful to aquatic life

12.2. Persistence and degradability: Not available.

12.3. Bioaccumulative potential: Not available.

12.4. Mobility in soil: Unknown.

12.5. Results of PBT and vPvB assessment: Not available.

12.6. Other adverse effects: Not available.

## 13 – DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods:

13.1.1 Product / Packaging disposal: In compliance with Federal, State/provincial and local laws and regulations.

Waste codes / waste designations according to Low: None.

13.1.2 Waste treatment-relevant information: None.

13.1.3 Sewage disposal-relevant information: None.

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13.1.4 Other disposal recommendations: None.

13.1.5. Appropriate disposal of contaminated packaging: Do not reuse the empty packaging. In compliance with Federal, State/provincial and local laws and regulations.

## 14 – TRANSPORT INFORMATION

## 14.1. UN number:

Not regulated.

## 14.2. UN proper shipping name:

Not applicable.

## 14.3. Transport hazard class:

Not classified.

## 14.4. Packaging group:

Not applicable.

## 14.5. Environmental hazards:

Not available.

## 14.6. Special precautions for user: None.

## 14.7. Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable.

## 15 – REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture: In compliance with Occupational Safety and Health regulations.

15.2. Chemical Safety Assessment: Not available.

Additional Information: None.

## 16 – OTHER INFORMATION

16.1. Training advice: Not required.

16.2. Recommended restrictions on use: None.

## 16.3. Further information:

Factory Address: Avenida Independência, 1501 - Bairro Iporanga. Sorocaba. São Paulo. CEP 18087-101

Phone: +55 (15) 2102-2000

Fax: +55 (15) 2102-2005

## 16.4. Sources of key data used:

NBR 14725 – Ficha técnica de Segurança de Produtos Químicos – FISPQ

Commission Directive 2001/58/EC of 27 July 2001

Commission Directive 1999/45/EC



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Commission Directive 67/548/EEC of 27 June 1967

Commission Directive 98/24/EC

Commission Directive 89/686/EEC

Commission Directive 94/55/EC

Commission Directive 96/49/EC

Commission Directive 2001/59/EC (List of R-phrases and List of S-phrases)

ONU - GHS: Globally Harmonized System

Regulation (EC) N°. 1907/2006 (REACH)

Regulation (EC) N°. 1272/2008 (CLP)

### 16.5. Revision Number:

#### 16.5.1. Subject of revision (added, deleted or revised information):

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions to the operations mentioned are beyond our control. The information relates only to the specific designated material and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. **Chemyunion Ltda.** disclaims any liability for loss or damage resulting from the use of these data, information or suggestions. All of these data, information and suggestion are of good faith.

Document	Revision	00	01	02	03	04	
AlterationsReport	AlterationsRequest	10696/15	10735/15	11081/16	13054/18	13524/19	