



SUROWCE KOSMETYCZNE
KOSMETYKI NATURALNE

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: FSS Phyto-Biotics Quercus®
Product Code: FSS16588

1.2. Relevant identified uses of the substance/mixture and uses advised against

Recommended Use: Topical cosmetic use
Restrictions on Use: Refer to the detailed list of labeling/restrictions (Section 15 Regulatory Information)

1.3. Details of the supplier of the safety data sheet

Company name: Formulator Sample Shop® Srl
Company address: Via Petrolo Litta n. 9 – 20008 Bareggio (Milan) Italy
Telephone number: +39 (0)2 902 78 641
Fax number: +39 (0)2 903 60 718
E-mail address: info@formulatorsampleshop.eu

1.4. Emergency telephone number

Emergency telephone number: +39 (0)2 902 78 641 - Mon-Fri: 8:30AM-5:00PM

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance/mixture

Classification:

The product is not classified pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).

2.2. Labeling Elements

Provided symbols / Pictograph: No hazard symbol expected

Signal Words: Not applicable

Hazard Statements: Not applicable

Precautionary Statements: P233: Keep container tightly closed
P281: Use personal protective equipment as required
P402: Store in a dry place
P404: Store in a closed container

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P410: Protect from sunlight

P411: Store at temperatures not exceeding 32°C

2.3. Other hazards:

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Information not relevant

3.2. Mixture

Common Chemical Name: Quercus Alba Bark Extract
Generic Name:
Chemical Family: Extract

Description: Mixture: consisting of the following components. This section describes all components of the mixture.

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>
Quercus Alba Bark Extract	68917-11-3	272-838-7	98.00%
Lactobacillus Ferment	1686112-36-6 (or) 68333-16-4	N/A (or) N/A	2.00%
Formula:	Not applicable		

4. FIRST AID MEASURES

4.1. Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention.
Direct contact with skin: Rinse immediately with soap and water. Get medical advice if irritation develops.
Direct contact with eyes: Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
Inhalation: Move to fresh air from exposure area. Get medical attention for any breathing difficulty.
Ingestion: Consult with a physician.

Protection of first-aiders: No special protection required.

4.2. Most important symptoms and effects, both acute and delayed

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Symptoms and effects: No data available

4.3. Indication of any immediate medical attention and special treatment needed

Indication: No data available

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Equipment: Water, dry chemicals, foam and carbon dioxide.

Unsuitable Extinguishing Equipment: None known.

5.2. Special hazards arising from the substance/mixture

Unusual Fire and Explosion Hazards: None known.

Hazards Caused By Exposure

In The Event Of Fire: None known.

5.3. Advice for firefighters

Special Fire Fighting Procedures: Move container from fire area if it can be done without risk.
Avoid inhalation of material or combustion by-products.
Stay upwind and keep out of low area.

Protection for fire-fighters: Boots, gloves, goggles.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid contact with eyes. For
emergency responders: Avoid contact with eyes.

Personal Protective Equipment: Protective goggles.

6.2. Environmental precautions

Environmental Protection Measures: Prevent entry into sewers and waterways. Do not allow material to
contaminate ground water system.

6.3. Methods and material for containment and cleaning up

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Recovery:	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Sweep or vacuum up any powder and place in a clearly labeled waste container, avoiding dust formation.
Cleaning/Decontamination:	Wash non-recoverable remainder with water.
6.4. Reference to other sections	
References:	Refer to paragraphs 8 and 13 for more information.

7. HANDLING AND STORAGE

7.1. Precaution for safe handling

Technical measures:	Labeling: Keep out of the reach of children.
Measures:	For industrial use, only as directed.
Safe handling advice:	Wash hands after use. Avoid storage near feed or food stuff.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures:	Keep container closed.
Recommended Storage Conditions:	Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze. Please refer to stability data for effects heat or cold may have on the specifications of the product.
Incompatible products:	Avoid contact with strong oxidizers. Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity).
Packaging:	Product may be packaged in normal commercial packaging.
Packaging materials:	Recommended - Polypropylene & High Density Polyethylene.

7.3. Specific and use(s)

Use(s):	Cosmetic use.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary statements:	Ensure adequate ventilation.
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8.1. Control parameters

Occupational exposure Limits:

France:	Not Determined
ACGIH:	Not Determined

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SUROWCE KOSMETYCZNE
KOSMETYKI NATURALNE

Korea: Not Determined
UK: Not Determined

Surveillance procedures: Not Determined
Engineering measures: Not Determined

8.2. Exposure controls/ Personal Protective Equipment:

Respiratory protection: Local exhaust.
Hand protection: Protective gloves made of rubber or neoprene.
Eye protection: Safety glasses.

Environmental Exposure Controls: No particular measures.

PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Hazy liquid
Gardner Color: 7 Maximum

Odor: Characteristic

pH: 3.5 – 5.5

Tannic Acid Content: 0.95% Minimum

Heavy Metals: < 20 ppm
Lead: < 10 ppm
Arsenic: < 2 ppm
Cadmium: < 1 ppm

Microbial Content: < 100 CFU/g; No pathogens
Yeast & Mold: < 100 CFU/g
Gram Negative Bacteria: 0 CFU/g

Specific Gravity: Not determined
Vapor density: Not applicable
Boiling Point: 100°C
Freezing Point: 0°C
Melting point: Not applicable

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Flash point: > 200°F
Oxidizing properties: Non oxidizing material according to EC criteria.

Solubility:
In water: Soluble
In organic solvents: Not determined
Log P: Not determined

9.2. Other information
Information: N/A

9. STABILITY AND REACTIVITY

9.1. Reactivity

Reactivity: None known

9.2. Chemical stability

Stability: Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life.

9.3. Possibility of hazardous reactions

Hazardous reaction: None known

9.4. Conditions to avoid

Conditions to avoid: No dangerous reactions known under use of normal conditions.
Avoid extreme heat.

9.5. Incompatible materials

Incompatibility: No dangerous reaction known with common products.

9.6. Hazardous decomposition products

Hazardous decomposition: None known

10. TOXICOLOGICAL INFORMATION

10.1. Information on toxicological effects

Acute Toxicity Non-Irritant & Non-Primary Sensitizer

Skin Corrosion / Irritation Non-Irritant (Dermal Irritection Model)

Serious Eye Damage / Irritation Non-Irritant (Ocular Irritection Model)

Respiratory Or Skin Sensitisation	Non-Primary Irritant & Non-Primary Sensitizers; Will not cause allergic contact dermatitis (In Chemico Skin Sensitization Direct Peptide Reactivity Assay & In Vitro Skin Sensitization ARE-Nrf2 Luciferase Test Method)
Germ Cell Mutagenicity	Non-Mutagenic (OECD471/ISO10993.Part 3 – Genotoxicity: Bacterial Reverse Mutation Test)
Carcinogenicity	No known effects
Reproductive Toxicity	No known effects
Stot - Single Exposure	No known effects
Stot - Repeated Exposure	No known effects
Aspiration Hazard	No known effects

10.2. Information on other hazards

N/A

11. ECOLOGICAL INFORMATION

11.1. Toxicity

Toxicity:

Effects on the aquatic environment: EC10 (Freshwater Alga): 120.55 mg/L - Not harmful to aquatic organisms
EC20 (Freshwater Alga): 205.41 mg/L - Not harmful to aquatic organisms

11.2. Persistence and degradability

Persistence and degradability: Readily Biodegradable (87.65% biodegradation after 28 days of testing)

11.3. Bioaccumulative potential

Bioaccumulative potential: Not determined

11.4. Mobility

Precipitation:

Expected behavior of the product: Ultimate destination of the product: Soil & sediment.

11.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: Not determined

12.6. Endocrine disrupting properties

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SUROWCE KOSMETYCZNE
KOSMETYKI NATURALNE

Endocrine disrupting properties None known

12.7. Other adverse effects

None known

12. DISPOSAL CONSIDERATIONS

12.1. Waste treatment methods

Residues from product

Prohibition: Do not allow the product to be released into the Environment.
Destruction/Disposal: Dispose of in accordance with relevant local regulations.

Contaminated packaging

Decontamination/cleaning: Cleaning is not required prior to disposal.
Destruction/Disposal: Dispose of in accordance with relevant local regulations.

Note: Take all necessary precautions when disposing of this product according to local regulations.

13. TRANSPORT INFORMATION 13.1. UN number

Number: None

13.2. UN proper shipping name

Shipping name: None

13.3. Transport hazard class(es)

Hazard class: Not classified as dangerous for transport.

Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
Air: Material is not restrictive for land transport and is not regulated by ICA/IATA

Marine Pollutant: No

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers.
This material is not dangerous or hazardous.

13.4. Picking group

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Picking group: None

13.5. Environmental hazards

Environmental hazards: None

13.6. Special precautions for user

Precautions: None known

13.7. Maritime transport in bulk according to IMO instruments

N/A

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

14. REGULATORY INFORMATION

14.1. Safety, health and environmental regulations/legislation specific for the substance/mixture

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006:
Not Applicable

Regulation (EC) No. 2019/1148 - on the marketing and use of explosives precursors:
Not Applicable

Substances in Candidate List (Art. 59 REACH):
Not Applicable

Substances subject to authorisation (Annex XIV REACH):
Not Applicable

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:
Not Applicable

Substances subject to the Rotterdam Convention:
Not Applicable

Substances subject to the Stockholm Convention:
Not Applicable

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SUROWCE KOSMETYCZNE
KOSMETYKI NATURALNE

Healthcare controls
Not Applicable

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)
Not Applicable

Other regulations:

EINECS inventory status:	Quercus Alba Bark Extract:	272-838-7
	Lactobacillus Ferment:	N/A (or) N/A
TSCA inventory status:	Exempt	
AICS inventory status:	Not Listed: 1686112-36-6	
	Listed: 68917-11-3 & 68333-16-4	
Canadian (CEPA DSL) inventory status:	Exempt: Quercus Alba Bark Extract (68917-11-3)	
	Not Listed: Lactobacillus Ferment (1686112-36-6)	
	Listed as Lactobacillus acidophilus (Revised ICL)	
Japan (MITI list):	Quercus Alba Bark Extract & Lactobacillus Ferment	
Korea:	Quercus Alba Bark Extract & Lactobacillus Ferment	
China inventory status:	Quercus Alba Bark Extract & Lactobacillus Ferment	
Philippines inventory status:	Exempt: Quercus Alba Bark Extract (68917-11-3)	
	Not Listed: Lactobacillus Ferment (1686112-36-6 (or) 68333-16-4)	

*Listed on 2010 INCI Standard Chinese Name Directory

14.2. Chemical safety assessment

Assessment: N/A

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Article 31 of "REACH" Regulation (EC) N. 1907/2006 and its amendments do not apply to this product. This document is provided for information only, is not a Safety Data Sheet, it therefore does not need to meet the regulatory requirements of Annex II of this regulation.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

15. OTHER INFORMATION

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: 04/09/2020

Preparation Date: 03/10/2023

MSDS summary of changes

- Added Heavy Metals & Arsenic – Section 9 (Physical & Chemical Properties)
- Updated Transport Information – Section 14 (Transport Information)
- Added ™ symbol to tradename
- Updated Trademark Symbol – Section 1 (Identification)
- Updated CAS/EINEC#'s – Section 3 (Composition / Information on Ingredients) & Section 15 (Regulatory Information), Added Sensitization & Mutagenicity Data – Section 11 (Toxicological Information) & Added Biodegradability Data – Section 12 (Ecological Information)
- Added Acute Toxicity Data – Section 11 (Toxicological Information)
- Updated CAS/EINEC#'s – Section 3 (Composition / Information on Ingredients) & Section 15 (Regulatory Information), Added Lead, Cadmium & Updated Microbial Content – Section 9 (Physical & Chemical Properties)
- Updated Europe Basis for Classification & Precautionary Statement – Section 2 (Hazards Information), Updated Recommend Storage Conditions – Section 7 (Handling & Storage), Updated Acute Toxicity Data – Section 11 (Toxicological Information) & Added Ecotoxicity Data – Section 12 (Ecological Information)
- Updated Recovery Methods for Cleaning up – Section 6 (Accidental Release Measures)

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Further information:

This document is in accordance with EC Directive 2001/58/EC and the Regulation (EC) 1907/2006 (REACH) Annex II. The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.

of 10