

PRODUCT SAFETY SHEET

The product does not meet the criteria for classification as hazardous in accordance with Regulation (EC) No 1272/2008, is not persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB), as defined in Annex XIII of Regulation (EC) No 1907/2006 (REACH), and is not included in the ECHA candidate list of substances of very high concern (SVHC). The provision of a Safety Data Sheet (SDS) is thus not mandatory (REACH Art. 31). This Product Safety Sheet (PSS) is a voluntary presentation of certain information that may assist the user in the handling of the substance. This PSS is available in English only.

1. Identification of the substance/preparation and of the company

Identification	PREBIULIN FOS
Product use	SU3 Industrial uses. Uses of substances as such or in preparations at industrial sites. PC39 Cosmetics, personal care products (including oral care products).
Company	GOBIOTICS BV Jac Jansenweg 7 4631 SL Hoogerheide The Netherlands Tel: +31/(0)164 72 80 01
Responsible person	Patrick Gonry info@gobiotics-ingredients.com
Emergency phone	+31/(0)164 72 80 01 (available during office hours)

2. Hazards identification

Not classified according to the Directive 1999/45/EC.
Not classified according to the Regulation (EC) No 1272/2008.
Health Hazards: None identified.
Physio-chemical Hazards: None identified.
Environmental Hazards: None identified.

3. Composition/information on ingredients

Product	Casn°	EINECS/ELINCSn°	Concentration	Classification
Inulin	9005-80-5	232-684-3	> 90%	-
Fructose	57-48-7	200-333-3	< 10%	-

4. First-aid measures

Ingestion	No specific measures required.
Inhalation	No specific measures required.
Skin Contact	No adverse effect is expected.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists consult a specialist.

5. Fire-fighting measures

Recommended extinguishers	Foam, dry chemical powder, carbon dioxide, water spray.
Forbidden extinguishers	High volume water jet.
Combustion dangers	Combustible material, low hazard. The product can form flammable mixtures or can burn only on heating above the flash point. However, minor contamination by hydrocarbons of higher volatility may increase the hazard. Product can form explosive dust-air mixtures when finely dispersed in air.
Protection means	Respiratory and eye protection required for fire fighting personnel exposed to fumes or smoke.

6. Accidental release measures

Individual precautions	See section 8. Avoid contact and inhalation of dust.
Environmental precautions	Limit the leak using soil or sand. Avoid penetration into watercourses and sewers. If penetration does occur or vegetation becomes contaminated, inform competent authorities.
Cleaning methods	Collect the product mechanically, sweep up or vacuum. Wash the involved area and materials with water.

7. Handling and storage

Handling precautions	Avoid dust formation. Keep workplace clean and avoid dust accumulation. Keep away from sources of ignition.
Storage conditions	Keep the product in its original containers at a temperature between 5° and 25°C. Protect from moisture.
Specific use	Do not eat or drink during handling of product.
Indication of the rooms	None in particular.

8. Exposure controls/personal protection

Exposure limits values	None.
Exposure controls	Not determined.
Respiratory protection	Respirator must be worn if exposed to dust. Suitable mask with particle filter P1 (EN143)
Hand protection	Chemical-resistant gloves for prolonged or repeated contact.
Eye protection	Safety glasses.
Skin protection	Clothes with full skin protection.
Environmental exposure controls	Not determined.

9. Physical and chemical properties

Appearance	Powder
Colour	White to slightly yellow
Odour	Almost odorless
pH @ 20°C	Approx. 6.0
Flash point (°C)	> 300
Flammability	None
Explosive properties	Dust may form explosive mixture in the air. Grainsize 100%: < 70 µm > 30 g/m ³
Minimum ignition energy	Grainsize 100%: < 70 µm

(MIE)	MIE with inductance : 10 – 30 mJ MIE without inductance : 100 – 300 mJ
Oxidising properties	None
Vapour pressure	None
Bulk Density @ 20°C (kg/m³)	400 – 800
Solubility	Water soluble
Water solubility	Yes
Partition coefficient: n-octanol/water	Not determined
Viscosity	Not determined
Vapour density	Not determined
Evaporation rate	Not determined
RI @ 20°C	Not determined

10. Stability and Reactivity

Conditions to avoid	Product is stable under normal conditions.
Substances to avoid	None in particular.
Hazardous decomposition products	Product doesn't decompose under normal conditions.

11. Toxicological information

Acute oral toxicity	LD50 (oral, rat) > 5000mg/kg (Non toxic)
Acute dermal toxicity	NA
Eye irritation	Not irritant
Skin irritation	Not irritant
Corrosivity	None
Sensitization potential	Not sensitizing
CMR effect	None
CIR status	None

12. Ecological information

Avoid discharge into the environment.

Ecotoxicity	Not determined
Mobility	Not determined
Persistence and degradability	Fully degradable.
Bioaccumulative potential	Not determined
Results of PBT assessment	Not determined

13. Disposal considerations

If possible, recover the product. Send to authorized disposal or burning plants under controlled conditions. Follow domestic and national effective laws.

14. Transport Information

According to regulations:

ADR (acc. Council Dir. 94/55/EC) & RID (acc. Council Dir. 96/49/EC) – not dangerous.

15. Regulatory information

Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC.

Not classified according to the Regulation (EC) No 1272/2008.

The product does not need to be labeled in accordance with EC directives or respective national laws.

16. Other information

This material is for use in fragrances, fragranced products and cosmetics only.

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