

PRODUCT SAFETY SHEET

The product doesn't meet the criteria for classification as hazardous in accordance with Regulation (EC) No 1272/2008, is not persistent, bio accumulative and toxic (PBT) or very persistent and very bio accumulative (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. 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 provided in English.

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

Identification	PREBIULIN C90
Product use	SU3 Industrial uses. Uses of substances as such or in preparations at industrial sites. PC39 Cosmetics, personal 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	+31 164 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
Cellulose Gum	9004-32-4	618-378-6	> 50%	-
Xanthan Gum	11138-66-2	234-394-2	5 - 10%	-
Inulin	9005-80-5	232-684-3	5 - 10%	-
Cellulose	9004-34-6	232-674-9	< 5%	-
Glucose	50-99-7	200-075-1	< 5%	-
Fructose	57-48-7	200-333-3	< 5%	-

4. First-aid measures

Ingestion	Not a toxic product, in case large amount is ingested seek medical advice.
Inhalation	Remove person to fresh air, seek medical advice.
Skin Contact	No adverse effects expected. Wash skin with water and soap.
Eye Contact	Rinse thoroughly with plenty of water, with open eyelid. 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	Product can form explosive dust-air mixtures when finely dispersed in air. Hazardous combustion products: carbon dioxide, carbon monoxide.
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 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. Absorb with inactive material. Wash 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 product in its original containers at a temperature between 5° and 25°C. Keep away from direct sunlight. 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	Provide appropriate exhaust ventilation at places where dust is formed. General room ventilation should be adequate for normal conditions of use.
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, safety shoes.
Environmental exposure controls	Not determined.

9. Physical and chemical properties

Appearance	Powder
Colour	White to slightly yellow
Odour	Typical, slight
pH @ 20°C (1% solution)	6.0 – 8.0
Flash point	NA
Auto-ignition temperature	Approx. 350°C
Flammability	Combustible dust
Explosive properties	Dust may form explosive mixture in the air
Oxidising properties	No data available
Vapour pressure	No data available
Bulk Density @ 20°C	500 – 1000 kg/m ³
Solubility	Water soluble
Water solubility	Soluble

Partition coefficient: n-octanol/water	No data available
Viscosity	No data available
Vapour density	No data available
Evaporation rate	No data available
Dust deflagration index (K_{ST}) (bar.m/s)	< 200

10. Stability and Reactivity

Conditions to avoid	Product is stable under normal conditions.
Substances to avoid	Acids, bases, strong oxidizing agents.
Hazardous decomposition products	Product does not decompose under normal conditions. Possible decomposition products: carbon monoxide (CO), carbon dioxide (CO ₂).

11. Toxicological information

Acute oral toxicity	LD50 (oral, rat) > 5000mg/kg (nontoxic)
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 environment.

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

13. Disposal considerations

If it is possible recover the product. Send to the 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

14.1 UN number: The product is not classified as dangerous for carriage.

14.2 UN proper shipping name: The product is not classified as dangerous for carriage.

14.3 Transport hazard class: The product is not classified as dangerous for carriage.

14.4 Packing group: The product is not classified as dangerous for carriage.

14.5 Environmental hazards: The product is not classified as dangerous for carriage.

14.6 Special precautions for user: The product is not classified as dangerous for carriage.

14.7 Transport in bulk according to Annex II of MAROPL 73/78 and the IBC Code: The product is not classified as dangerous for carriage.

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 only in fragrances, fragranced products or cosmetics.

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GOBIOTICS BV Jac Jansenweg 7 4631 SL Hoogerheide The Netherlands Tel: +31/(0)164 72 80 01
www.gobiotics-ingredients.com