

SAFETY DATA SHEET

Oat BioBeads Natural

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	Oat BioBeads Natural
Synonyms; trade names	Microcrystalline Cellulose, Avena sativa (oat) Kernel Flour, Corn Starch
REACH registration notes	The substances in this mixture are either exempt under Annex V, paragraph 8 {or 9}, in accordance with Article 2 (7)(b) of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Our ingredients are obtained from natural sources and not chemically modified as described in Article 3, point 67/548/EEC, they are not persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII, they are not identified in accordance with Article 59(1) at least two years previously as a substance giving rise to an equivalent level of concern as set out in Article 57(f), or not imported/manufactured at > 1 tonne/year

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

Identified uses	Cosmetic Preparations
Uses advised against	None identified

1.3. Details of the supplier of the safety data sheet

Supplier	Gracefruit Limited
209 Glasgow Road, Longcroft, Bonnybridge, fk4 1qq, 01324 841353	

28 SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

This mixture is not classified as dangerous.

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

According to EC-regulations the product does not need to be specially marked.

2.3. Other hazards

None identified. This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Product name Oat BioBeads Natural

Ingredients	IUPAC name	Cas No.	EINECS No.	Classification
Avena sativa (oat) Kernel Flour	Naturally occurring substances, Avena sativa, oatmeal	84012-26-0 / 134134-86-4	281-672-4	Not classified
Microcrystalline cellulose	Cellulose	9004-34-6	232-674-9	Not classified
Corn Starch	2-(hydroxymethyl)-6-4,5,6-trihydroxy-2-(hydroxymethyl)oxan-3-yl]oxyoxane-3,4,5-triol	9005-25-8	232-679-6	Not classified

This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation Not relevant. The product is non-volatile.

Ingestion Inedible product. If ingested, seek medical attention.

Skin contact Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.

Eye contact Check for and remove any contact lenses. In case of contact, immediately wash eyes with plenty of water for at least 15 minutes. Get medical attention if needed.

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

General information This product is free of substances known to be hazardous to health.

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

Notes for the doctor No specific recommendations. None of the ingredients are associated with any toxicity or ill effects.

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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Small Fire: Use dry chemical powder. Large Fire: Use water spray, fog or foam.

Unsuitable extinguishing media Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of nitrogen. Risk of explosion of the product in presence of mechanical impact or static discharge is not available.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known firefighting.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear safety goggles, lab coat, gloves and closed toed shoes to clean up any accidental release. Avoid eye and prolonged skin exposure. Avoid breathing any dust.

6.2. Environmental precautions

Environmental precautions No specific environmental precautions known.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Use appropriate tools to put the spilled solid in a convenient waste disposal container, avoid generating any dust. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

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Usage precautions	Wear safety goggles, lab coat, gloves and closed toed shoes. Avoid eye and prolonged skin exposure. Keep away from oxidizing agents, excessive heat and sources of ignition. Avoid generating any dust.
Advice on general occupational hygiene	No specific measures identified. Good personal hygiene practices should always be observed when working with chemical products.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in a tightly closed container in a dry and well-ventilated area at room temperature (25± 5°C) and humidity (60± 5%).
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Ingredient comments	No exposure limits known for ingredient(s).
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8.2. Exposure controls**Protective equipment**

Appropriate engineering controls	Provide adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal protection	Ensure that safety goggles, cap, lab coat, gloves, closed toed shoes and nose mask are worn to avoid any contact with the hair and skin and inhalation of any dust generated.
Personal Protection in case of large spills	Keep away from spill site. Remove any protective clothing contained with the material and wash any exposed area of the hair and skin thoroughly with water. A self-contained breathing apparatus should be used to avoid inhalation of the product.
Respiratory protection	Respiratory protection not required. The product is non-volatile. If dust is generated, then respiratory protection may be necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Free flowing green coloured spheres.
Odour	Characteristic.
Particle Size	NLT 90% spheres passes as stated in labelling and NMT 10% spheres passes.

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pH (1% suspension at 20°C)	Between 5.0-8.0.
Melting Point	Not determined.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation point	The product is non-volatile.
Upper/lower flammability or explosive limits	The product is not flammable.
Other flammability	May be combustible at high temperature.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	NLT 0.6gm/cc.
Solubility(ies)	Partially soluble in water and insoluble in oils.
Partition coefficient	NMT 8.0%
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Risk of explosion of the product in presence of mechanical impact or static discharge is not available.
Oxidising properties	Not oxidising.
<u>9.2. Other information</u>	
Other information	No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and pressures when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not occur.
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10.4. Conditions to avoid

Conditions to avoid	Excessive heat.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition Products No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects No information available. Extract of Avena Sativa (Oats) which is a common food and not associated with any known toxicity. Remaining ingredients all inert with no associated toxicity.

Acute toxicity - oral

Notes (oral LD₅₀) No information available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Prolonged exposure may cause skin irritation.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Genotoxicity - in vivo No information available.

Carcinogenicity

Carcinogenicity Not listed as a carcinogen by IARC, NTP or US OSHA.

Reproductive toxicity

Reproductive toxicity – Fertility No information available.

Reproductive toxicity – Development No information available.

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Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

General information Prolonged exposure may cause skin irritation. Eyes not expected to be an irritant.

SECTION 12: Ecological information

Ecotoxicity No ecological hazards are associated with this product.

12.1. Toxicity

Toxicity Possibly hazardous. Short-term degradation is unlikely. However, long-term degradation of product may arise.

12.2. Persistence and degradability

Biodegradation Product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not applicable.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Disposal methods Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not classified as a hazardous material.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No

14.6. Special precautions for user

Keep packaged product protected from sunlight and rain.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU legislation Contains no substances with Annex XVII restrictions.
Contains no substance on the REACH candidate list.
Contains no REACH Annex XIV substances.

15.2. Chemical safety assessment

No chemical safety assessment is required.

SECTION 16: Other information

This safety data sheet has been compiled and formatted in accordance with Annex II of regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and subsequent amendments. Classification and allocation of hazard and precautionary statements has been conducted according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures and subsequent amendments.

Revision date 13/09/2019

Revision 4

Supersedes date 18/07/2018

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This information is provided for documentation purposes only. This product had no classification for hazard. The information contained herein is offered in good faith and is believed to be accurate based on the data available to us as of the date of SDS preparation. The information in this document applies to this specific product as supplied. It may not be appropriate for this product if the product is used in combination with other materials.