

MATERIAL SAFETY DATA SHEET

Product name:	Glucoamylase mix (03MIS205)	Version:	1
Issue date:	24/08/2023	Reason for change:	First issue

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

1.1 Product Identifier

Substance Name:	Glucoamylase mix
Trade Name(s):	-
REACH Registration number:	-
CAS number:	-

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

Relevant identified uses:	Food industry
Uses advised against:	-

1.3 Details of the supplier of the safety data sheet

Company:	Bevie Partners Ltd Philip Jones House Poole Hall Industrial Estate Ellesmere Port Cheshire CH66 1ST United Kingdom
Contact details:	Tel: +44 (0) 151 356 5985 Fax: +44 (0) 151 355 0416 enquiries@bevie.co
Opening Hours:	Monday-Thursday: 08:00 – 17:00 GMT Friday: 08:00 – 14:00 GMT

1.4 Emergency telephone number

Emergency telephone number:	Tel: +44 (0) 151 356 5985
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SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1728/2008	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled [Resp. Sens. 3]
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2.2 Label Elements

Labelling according to regulation (EC) no 1272/2008

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Hazard pictograms:	
Signal word:	Danger
Hazard Statements:	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
Precautionary statements:	P261: Avoid breathing dust/vapour/spray. P285: In case of inadequate ventilation wear respiratory protection. P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a comfortable position for breathing. P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor. P501: Dispose of contents and container in accordance with all local, regional, national and International regulations.

2.3 Other hazards

Hazards not otherwise classified:

-

SECTION 3: Composition / information on ingredients

3.1 Substances

Hazardous substance(s):

-

3.2 Mixtures

Hazardous component(s):	Chemical Name	CAS – No. , EC-No. & Registration number	Classification (Regulation (EC) No 1272/2008)	Concentration
	Glucoamylase	9032-08-0 232-877-2	Resp. Sens. 1, H334	< 10 %

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information:

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Following inhalation:

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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Following skin contact:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Following eye contact:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Following ingestion:	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Self-protection of first-aider:	-

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects:	May cause an asthma-like shortness of breath. May cause sensitisation or allergic reactions in sensitive individuals.
Risks:	-

4.3 Indication of any immediate medical attention and special treatment needed

Special treatment:	-
Note to doctor:	No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Extinguishing media:	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media:	-

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting:	-
Hazardous combustion products:	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3 Advice for firefighters

Protection during firefighting:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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Non-emergency personnel:	Wear protective clothing as described in Section 8. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.
For emergency responders:	-
6.2 Environmental precautions	
Environmental precautions:	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
6.3 Methods and material for containment and cleaning up	
Methods for cleaning up:	Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
Other information:	-
6.4 Reference to other sections	
Reference to other sections:	Wear protective clothing as described in Section 8 of this safety data sheet.
SECTION 7: Handling and storage	
7.1 Precautions for safe handling	
Advice on safe handling:	Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of dust and contact with skin and eyes. Provide adequate ventilation.
Advice on protection against fire and explosion	-
7.2 Conditions for safe storage, including any incompatibilities	
Requirements for storage areas and containers:	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight. Store in a closed original container at temperatures between 15°C and 25°C.
Further information on storage conditions:	-
7.3 Specific end use(s):	
Specific use(s):	See section 1.2

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

WEL (UK) – long term exposure limit:

No data available

WEL (UK) – short term exposure limit:

No data available

Components

Type

Value

Form

-

-

-

-

Further Information:

Where no specific short term exposure limit is stated, a figure three times the long term exposure limit should be used

8.2 Exposure control

Personal protective equipment (PPE):



Engineering Controls:

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Hand protection:

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.

Eye protection:

The following protection should be worn: Chemical splash goggles.

Skin and body protection:

Wear rubber apron. Wear rubber footwear.

Respiratory protection:

If ventilation is inadequate, suitable respiratory protection must be worn.

Hygiene measures:

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Environmental exposure controls:

General advice:

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

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Physical state:	Solid
Form:	Granular
Colour:	White to brown
Odour:	Slight fermentation odour
Odour Threshold:	No data available
Flash point:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flammability (solid, gas):	No data available
Oxidising properties:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Melting point / freezing point:	No data available
Initial boiling point and boiling point range:	No data available
Vapour pressure:	No data available
Relative density:	No data available
Density:	No data available
Water solubility:	No data available
Solubility / qualitative:	No data available
Viscosity, kinematic:	No data available
Relative vapour density:	No data available
Evaporation rate:	No data available
Explosive properties:	No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity:	No data available
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10.2 Chemical stability

Chemical stability:	No data available
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10.3 Possibility of hazardous reactions

Hazardous reactions:	No data available
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10.4 Conditions to avoid

Conditions to avoid:	No data available
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10.5 Incompatible Materials:

Materials to avoid:	No data available
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10.6 Hazardous decomposition products

Hazardous decomposition products:	No data available
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SECTION 11: Toxicology Information

11.1 Information on toxicological effects

Acute oral toxicity:

Product	Test	Species	Quantity	Exposure time
-	-	-	-	-

Acute inhalation toxicity:	No data available
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Acute dermal toxicity:	No data available
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Acute toxicity (other routes of administration)	No data available
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Skin corrosion / irritation:	No data available
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Serious eye damage / eye irritation:	No data available
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Respiratory or skin sensitisation:	No data available
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Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Aspiration toxicity:	No data available
Additional information:	-

SECTION 12: Ecological information

12.1 Toxicity

Species	Test	Value	Exposure Time
-	-	-	-
Further information:	-		

12.2 Persistence and degradability

Biodegradability:	No data available
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12.3 Bio accumulative potential

Bioaccumulation:	No data available
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12.4 Mobility in soil:

Mobility in soil:	No data available
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12.5 Results of PBT and vPvB assessment:

Results of PBT and vPvB assessment:	No data available
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12.6 Other adverse effects:

Other adverse effects:	-
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to directive 2008/96/EC, covering waste and dangerous waste

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Product / packaging disposal:	Waste is classified as hazardous waste. Dispose of waste to a licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.
Waste treatment – relevant information:	No data available
Sewage disposal – relevant information:	No data available
Other disposal recommendations:	-

SECTION 14: Transport information

UN number:	-
UN proper shipping name:	-
Transport hazard class(es)	-
Packaging group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL and the IBC code:	-

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Authorities and/or restrictions on use:	No data available
Other EU legislation:	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 (as amended). Regulation (EC) 2015/830 of 28 May 2015 amending Regulation 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).
National Regulations (EU):	No data available
Water contamination class (Germany):	No data available

15.2 Chemical Safety Assessment

Chemical safety assessment:	No data available
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SECTION 16: Other Information

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Full text of H-phrases referred to under sections 2 and 3:	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled [Resp. Sens. 3]
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