

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 27 March, 2020

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: **BPI No Foam Powder II™**

Product code(s): 40311

1.2 Relevant Identified Uses of the substance or mixture and uses advised against:

Use: To control foam levels of liquids during optical processing.

Uses advised against: No data

1.3 Details of the supplier of the safety data sheet:

Brain Power Inc.; 4470 S.W. 74th Ave.; Miami, Florida ; USA 33155.

1.4 Emergency Telephone Number:

Telephone: 0013052644465 Fax: 0013052641467

Information department: 001 305 264 4465

Emergency contact: 001 305 264 4465 (x364)

2. Hazards identification

2.1 Classification of the substance or mixture according to Regulation EC 1272/2008 (CLP):

This product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).

2.2 GHS Label elements (EC) 1272/2008:

Pictogram(s): Not applicable

Signal Word: Not applicable

Contains: Maltodextrin;
Amorphous silicon dioxide
No materials at levels considered hazardous.

Hazard Statement(s): Not applicable

Precautionary Statement(s): Avoid breathing dust, mists. Wash thoroughly after handling. Wear protective gloves and eye protection. If swallowed, call a poison center or physician if you feel unwell. Rinse mouth with water. If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice. Dispose of contents/container in accordance with local / national / international regulations.

2.3 May cause eye and skin irritation.

3. Composition / information on ingredients

3.1 Substance: Not Applicable.

Chemical name:

CAS-Reg.No:

EC-No:

EINECS-No:

Further information:

3.2 Mixture:

Description: Mix of Maltodextrin and Amorphous silicon dioxide..

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Chemical name: Maltodextrin

Synonym: No data

CAS-Reg.No: 9050-36-6

EC-No: 232-940-4

EINECS-No:

Hazards: Not classified.

Concentration: more than 60%

Chemical name: Amorphous silicon dioxide

Synonym: No data

CAS-Reg.No: 7631-86-9

EC-No: 231-545-4

EINECS-No:

Hazards: Not classified.

Concentration: less than 5%

Ingredients at concentrations not known to be hazardous:

Content: 100%

Further information: Other ingredients not at concentrations known to be hazardous.

4. First-aid measures

4.1 Description of first aid measures

General Advice : Consult a physician. Show this safety data sheet to the doctor. If exposed or concerned, get medical advice/attention.

Inhalation : Move to fresh air.

Skin contact : If on skin: wash with plenty of soap and water. Flush exposed area well with water for at least 15 minutes.

Eye contact : If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice.

Ingestion : If swallowed, call a poison center or physician if you feel unwell. Show the container, safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2 and/or section 11).

4.3 Indications of any immediate medical attention and special treatment needed

See section 2.2 .

5. Fire-fighting measures

5.1 Extinguishing media: Water fog, dry chemical, carbon dioxide, foam.

Unsuitable extinguishing media: No data

5.2 Special hazards arising from the substance or mixture:

May cause eye irritation. Decomposes to give oxides of carbon.

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus with protective clothing to avoid personal contact.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

: Avoid skin contact. Do not swallow. Wear impervious gloves (such as disposable latex) and splash proof chemical goggles. For major spills wear a NIOSH or CEN approved respirator. Wash thoroughly after handling.

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- 6.2 Environmental precautions : Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal.
- 6.3 Methods and materials for containment and cleaning up:
Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal.
- 6.4 Reference to other sections : See Section 4 and 5.2
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7. Handling and storage

- 7.1 Precautions for Safe Handling: Wear eye protection. Wash thoroughly after handling. Avoid eye and skin contact.
- 7.2 Conditions for Safe Storage, including any incompatibilities:
Stable on storage under normal conditions. Avoid strong oxidizing agents, sparks and flame. Keep from freezing.
- 7.3 Specific End Use: To control foam levels of liquids during optical processing.
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8. Exposure controls and personal protection

- 8.1 Control parameters: Maltodextrin OSHA PEL 15mg/m³; Amorphous silicon TWA 80mg/m³. Once dispersed in water, mist is principal concern.
- 8.2 Exposure control: Handle in accordance with good industrial hygiene and safety practices. Avoid all personal contact. Wear appropriate safety equipment. Wash hands before breaks and at the end of workday.
- Personal protective equipment :
- Respiratory protection : Where risk assessment shows air purifying respirators are appropriate, use a NIOSH or CEN approved respirator for organic chemicals. Ventilation: Local mechanical exhaust is recommended.
- Hand protection : Wear protective gloves. Wear suitable impervious gloves (such as disposable latex).
- Eye / face protection : Wear eye protection. Chemical resistant safety goggles are strongly recommended.
- Skin protection : Protective lab coat recommended. Wear suitable protective clothing and gloves.
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance:
- Colour: White powder
- Odour: Slight odor
- Changes in physical state
- Boiling point/Boiling range (°C) : no data
- Melting point (°C) : no data
- Freezing temperature (°C) : no data
- Flash point (°C) : not flammable
- Ignition temperature (°C) : no data
- Autoignition : no data
- Explosion hazard : None known
- Explosion limits (Vol.-%) : lower: n/a upper: n/a
- Vapour pressure (mbar) : no data
- Vapor density (g/cm³) : no data
- Bulk density (kg/m³) : 3000 kg/m³
- Solubility in water : Dispersible
- Solubility in other solvents : no data

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pH-value	:	no data
Viscosity	:	no data available
9.2 Other safety information	:	no data available

10. Stability and reactivity

10.1 Reactivity	:	Hazardous polymerization will not occur.
10.2 Chemical Stability	:	Stable on storage under normal conditions.
10.3 Possibility of Hazardous Reactions	:	None Known
10.4 Conditions to avoid	:	Extreme temperatures
10.5 Incompatible materials	:	Avoid oxidizing agents.
10.6 Hazardous decomposition products	:	Decomposes to oxides of carbon and formaldehyde.

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	See below.
Specific symptoms in animal experiments:	LD50 believed to be greater than 5000 mg/kg for maltodextrin
Irritation effects:	May cause slight irritation by inhalation. May cause eye irritation. If eye irritation persists, get medical advice . If skin irritation occurs: get medical advice.
Sensitization:	No data.
Subacute to chronic toxicity:	May aggravate existing skin condition.
Carcinogenicity, mutagenicity, teratogenicity:	
NTP? No	
IARC Monographs? No	
OSHA Regulated? No	

11.2 Other information: Overexposure may cause redness and irritation.

12. Ecological Information

12.1 Toxicity:	LC50-no data
12.2 Persistence and Degradability:	no data available
12.3 Bioaccumulative Potential:	no data available
12.4 Mobility in Soil:	no data available
12.5 Results of PBT and vPvP Assessment:	no data available
12.6 Other Adverse Effects	: no data available

13. Disposal considerations

13.1 Waste Treatment Methods: Dispose of contents/container in accordance with Local / national / international regulations (P501).

14. Transport Information

14.1 UN Number:	None.
14.2 UN Proper Shipping Name:	None.
14.3 Transport Hazard Class(es):	None.

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14.4 Packing Group: None.
14.5 Environmental Hazards: None.
14.6 Special precautions for user: None other than listed in sections 7 and 8.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not regulated goods.
14.8 Information for each of the
UN Model Regulations: None.
IMDG/IMO: Not regulated goods
ADR: Not regulated goods
Air transport
ICAO/IATA-DGR Class: UN/ID-No.: none PG:
Technical name of material:
Remarks: Not regulated for transport by air.

Additional information: (US) DOT: Not dangerous goods

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture:
EC 1907/2006, 1272/2008, 830/2015

15.2 Chemical Safety Assessment : No components at hazardous levels.

Contains: Maltodextrin CAS-Reg.No: 9050-36-6; EC-No: 232-940-4
Amorphous silicon dioxide CAS-Reg.No: 7631-86-9; EC-No: 231-545-4

Hazard statement: See section 2

Precautions: See section 2

15.3 Additional information:

TSCA listed ingredients. EC listed ingredients.

The following components are subject to reporting levels established by SARA Title III section 313:
None.

These products contain no chemical known to the State of California to cause cancer.

German Water Hazard Class nWG

16. Other Information

NFPA Codes: H: 1; F: 0; R: 0.

Most Recent Revision: 27 March, 2020.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. The safety data sheet only describes the products in aspect to their safety requirements. Recipients of our product must take responsibility for observing existing laws and regulations.