

Brain Power Inc.

**Safety Data Sheet according to EC 1907/2006, 1272/2008, 878/2020
OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev
Date of Issue: 20 November, 2024**

SECTION 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.

Telephone: 0013052644465

Fax: 0013052641467

Information department: 001 305 264 4465

e-mail: BPI@callbpi.com

1.4 Emergency Telephone Number:

Emergency contact: 001 305 264 4465 (x364)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture :

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

2.2 Label elements :

Pictogram(s): Not applicable

Signal Word: Not applicable

Contains: Not applicable

Hazard Statement(s): Not applicable

Precautionary Statement(s): Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances: Not Applicable.

Chemical name:

CAS-Reg.No:

EC-No:

EINECS-No:

Further information:

3.2 Mixtures:

Description: Mix of Maltodextrin and Amorphous silicon dioxide..

Chemical name: Maltodextrin

Synonym: No data

CAS-Reg.No: 9050-36-6

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 878/2020

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 20 November, 2024

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.

SECTION 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 .

SECTION 5: Firefighting 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 firefighters:

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

SECTION 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.

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:

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 878/2020

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 20 November, 2024

6.4 Reference to other sections : Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal.
See Section 4 and 5.2

SECTION 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.

SECTION 8: Exposure controls/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.

SECTION 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

pH-value : no data

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 878/2020

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 20 November, 2024

Viscosity : no data available

9.2 Other information : no data available

SECTION 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.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 :

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

Information on other hazards

Overexposure may cause redness and irritation.

SECTION 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 Endocrine disrupting properties: no data available

12.7 Other Adverse Effects : no data available

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

14.1 UN number or ID number : None.

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 878/2020

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 20 November, 2024

14.2 UN Proper Shipping Name: None.

14.3 Transport Hazard Class(es): None.

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 Maritime transport in bulk according to IMO instruments : Not regulated goods.

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

SECTION 15: Regulatory information

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

EC 1907/2006, 1272/2008, 878/2020

15.2 Chemical Safety Assessment : No components at hazardous levels.

Contains: See section 2

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

SECTION 16: Other information

May cause eye and skin irritation. 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.

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

Most Recent Revision: 20 November 2024

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.