

# 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: 4 November, 2016

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

1.1 Product identifier(s): **BPI H2O Neutralizer™**

Product codes: 70102, 70101, 72301, 72302.

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

Use: To remove tints from plastic sunglass lenses.

Uses advised against: No data

1.3 Details of the supplier of the safety data sheet:

Brain Power Inc.; 4470 S.W. 74<sup>th</sup> 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)

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## 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: 2,4-dihydroxybenzophenone

Hazard Statement(s): Not applicable.

Precautionary Statement(s): Avoid breathing spray. Wash thoroughly after handling. Wear protective gloves and eye protection. If swallowed, call a poison center or physician if you feel unwell. If on skin: wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice. 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 mild eye, respiratory system or skin irritation. Ingestion toxicity not well documented. Avoid personal contact.

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## 3. Composition / information on ingredients

3.1 Substance:

Chemical name:

CAS-Reg.No:

EC-No:

EINECS-No:

Further information:

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## 3.2 Mixture:

Description: Mixture of glycols, glycol ethers, benzophenones and surfactants in water.

Chemical name: 2,4-dihydroxybenzophenone

Synonym: No data

CAS-Reg.No: 131-56-6

EC-No: 205-029-4

EINECS-No: N/A

Hazards: Skin Irritant 2 (H315); Eye irritant 2 (H319).

Concentration: 1.0%

Ingredients at concentrations not known to be hazardous:

Content: 100%

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

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## 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 (P308+313).

Inhalation : Move to fresh air.

Skin contact : Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice.

Eye contact : Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice.

Ingestion : If swallowed, seek medical advice immediately and show this container 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 .

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## 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:

Decomposing may produce oxides of carbon, nitrogen, phosphorous and hydrogen chloride.

5.3 Advice for fire-fighters: Wear self-contained breathing apparatus with protective clothing to avoid personal contact.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective

equipment and emergency procedures : Avoid eye or skin contact. Do not swallow. Wear impervious gloves (such as disposable latex) and splash-proof chemical goggles. For major spills wear an approved respirator for organic vapors.

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:

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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

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## 7. Handling and storage

- 7.1 Precautions for Safe Handling: Use only with appropriate equipment. Avoid eye and skin contact. Do not Swallow. Wash well after use. Eye washes and safety showers are strongly recommended. Keep out of reach of children.
- 7.2 Conditions for Safe Storage, including any incompatibilities: Stable on storage under normal conditions Avoid strong oxidizing agents.
- 7.3 Specific End Use: To remove tints from plastic sunglass lenses.
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## 8. Exposure controls and personal protection

- 8.1 Control parameters: Contains: a glycol ether: USA WEEL TWA 25.0 ppm.
- 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 vapors. Ventilation: Local mechanical exhaust is recommended.
- Hand protection : Wear protective gloves (P280). Wear suitable impervious gloves (such as disposable latex).
- Eye / face protection : Wear eye protection (P280). 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: Slightly colored liquid, nearly clear.
- Odour: None
- Changes in physical state
- Boiling point/Boiling range (°C) : no data
- Melting point (°C) : no data
- Freezing temperature (°C) : no data
- Flash point (°C) : greater than 60 C
- Ignition temperature (°C) : no data
- Autoignition : no data
- Explosion hazard : no data
- Flammability/Explosive limits (Vol.-%) : lower: no data upper: no data
- Vapour pressure (mbar) : no data
- Vapor density (g/cm3) : no data
- Bulk density (kg/m3) : >1000
- Solubility in water : Soluble
- Solubility in other solvents : no data
- pH-value : no data
- Viscosity : no data
- 9.2 Other safety information : no data available
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### 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	:	None Known
10.5 Incompatible materials	:	Avoid strong oxidizing agents.
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10.6 Hazardous decomposition products	:	Decomposing may produce oxides of carbon, nitrogen, phosphorous and hydrogen chloride.

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### 11. Toxicological information

#### 11.1 Information on toxicological effects:

Acute toxicity:	No Data
Specific symptoms in animal experiments:	No data
Irritation effects:	Eye, respiratory, gastrointestinal and skin contact may cause redness and mild irritation.
Sensitization:	No Data
Subacute to chronic toxicity:	No Data

Carcinogenicity, mutagenicity, teratogenicity:

NTP? Not listed

IARC Monographs? Not listed

OSHA Regulated? Not listed

11.2 Other information:	Overexposure may cause redness and irritation.
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### 12. Ecological Information

12.1 Toxicity:	For glycol ether component: LC50-Pimephales promelas (fathead minnow) - 9,650 mg/l - 96 h
12.2 Persistence and Degradability:	Readily biodegrades.
12.3 Bioaccumulative Potential:	Low.
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

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### 13. Disposal considerations

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

14.1 UN Number:	None.
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 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.

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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

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### 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 hazardous materials at reportable levels.

Contains: Glycols, glycol ether, surfactant, benzophone, water mixture.

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: glycol ether. Quantities in excess of 25,000 pounds must be reported.

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### 16. Other Information

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

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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.