

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 453/2010

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 18 November, 2014

1. Substance / preparation and company identification

1.1 Product name: **BPI Spotless™**

Product codes: 37891

1.2 Product Use: To condition plastic lenses for tinting

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

1.4 Telephone: 0013052644465 Fax: 0013052641467

Information department: 001 305 264 4465

Emergency contact: 001 305 264 4465 (x364)

2. Hazards identification

2.1 Hazardous ingredients: [3-[[heptadecafluorooctyl]sulphonyl]amino]propyl]trimethylammonium iodide
(CAS No. 1652-63-7; EC No. 216-716-3)

Content: < 1% Unit: % by weight

2.2 Hazard Symbols: N/A

2.3 May cause eye and skin irritation.

3. Composition / information on ingredients

3.1 Chemical nature (substance):

CAS-Reg.No: Chemical name:

EC-No: EINECS-No:

Further information:

3.2 Chemical nature (mixture):

Description: Mix of surfactants in water.

Hazardous ingredients: [3-[[heptadecafluorooctyl]sulphonyl]amino]propyl]trimethylammonium iodide

Content: < 1 % Unit: % by weight

Ingredients at concentrations not known to be hazardous:

Content: 100%

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

4. 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+P313).

Inhalation : Move to fresh air.

Skin contact : If on skin: wash with plenty of soap and water (P302+P352). Flush exposed area well with water for at least 15 minutes. If skin irritation occurs: get medical advice (P333+P313).

Eye contact : If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing (P305+P351+P338). If eye irritation persists, get medical advice. (P337+P313).

Ingestion : If swallowed, call a poison center or physician if you feel unwell (P301+P312). Show the container, safety data sheet or label.

Information for the doctor:

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5. Fire-fighting measures

- 5.1 Suitable extinguishing media : Water fog, dry chemical, carbon dioxide, foam
Unsuitable extinguishing media:
- 5.2 Exposure hazards: May cause eye irritation.
- 5.3 Protective equipment /
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 : 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 (P264).
- 6.2 Environmental precautions : Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal .
- 6.3 Methods for 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 (P 280). Wash thoroughly after handling (P264). Avoid eye and skin contact.
- 7.2 Conditions for Safe Storage: Stable on storage under normal conditions. Avoid strong oxidizing and reducing agents, strong acids and strong bases.
- 7.3 Specific End Use: To condition plastic lenses for tinting.
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8. Exposure controls and personal protection

- 8.1 Technical protective measure : Ventilation: Local exhaust is recommended.
Mechanical is acceptable.
- 8.2 Exposure control limits :
- Personal protective equipment :
- Respiratory protection : Where risk assessment shows air purifying respirators are appropriate, use a NIOSH or CEN approved respirator for organic chemicals.
- Hand protection : Wear eye protection (P280). Wear suitable impervious gloves (such as disposable latex).
- Eye protection : Wear eye protection (P280).Chemical resistant safety goggles are strongly recommended.
- Skin protection : Protective lab coat recommended. Wear suitable protective clothing and gloves.
- General safety and hygiene measures: Avoid all personal contact. Wear appropriate safety equipment. Wash well after use.
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9. Physical and chemical properties

- Appearance:
- Colour: Slightly turbid liquid
- Odour: Slight odor
- Changes in physical state
- Boiling point/Boiling range (°C) : > 100° C
- Melting point (°C) : < 0° C
- Freezing temperature (°C) : < 0° C
- Flash point (°C) : no data

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| | | | |
|------------------------------|----------|---|-----------------------|
| Ignition temperature | (°C) | : | no data |
| Autoignition | | : | no data |
| Explosion hazard | | : | None known |
| Explosion limits | (Vol.-%) | : | lower: n/a upper: n/a |
| Vapour pressure | (mbar) | : | Due to water |
| Vapor density | (g/cm3) | : | Due to water |
| Bulk density | (kg/m3) | : | ~1000 |
| Solubility in water | | : | Miscible |
| Solubility in other solvents | | : | no data |
| pH-value | | : | no data |
| Viscosity | | : | no data available |
| Additional information | | : | |

10. Stability and reactivity

| | | |
|---------------------------------------|---|---|
| 10.1 Reactivity | : | Hazardous polymerization will not occur. |
| 10.2 Chemical Stability | : | Stable on storage under normal conditions. |
| 10.3 Possible Hazardous Reactions | : | None Known |
| 10.4 Conditions to avoid | : | None Known |
| 10.5 Incompatible materials | : | Avoid strong oxidizing and reducing agents, strong acids and strong bases.. |
| 10.6 Hazardous decomposition products | : | Decomposes to give oxides of carbon and nitrogen, and/or sulfur. |

11. Toxicological information

| | | |
|--|---|---|
| Acute toxicity | : | no data |
| Specific symptoms in animal experiments: | | no data |
| Irritation effects | : | May cause slight irritation by inhalation. May causes eye irritation. If eye irritation persists, get medical advice. (P337+P313). If skin irritation or rash occurs: get medical advice (P333+P313). |
| Sensitization | : | Overexposure may cause redness and irritation. |
| Subacute to chronic toxicity: | | No Data |
| Carcinogenicity, mutagenicity, teratogenicity: | | |
| NTP? No | | |
| IARC Monographs? No | | |
| OSHA Regulated? No | | |
| Information from practical experience: | | |
| Additional information: | | Overexposure may cause redness and irritation. |

12. Ecological Information

| | | |
|--|---|------------------------------------|
| 12.1 Ecotoxicity: | | No Data |
| 12.2 Persistence and Degradability: | | Degrades under aerobic conditions. |
| 12.3 Bioaccumulative Potential: | | no data available |
| 12.4 Mobility in Soil: | | no data available |
| 12.5 Results of PBT and vPvP Assessmant: | | 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).

14. Transport Information

Land transport:

ADR/RID Class: Subclass:
Warning sign Hazard-No.: UN-No.: none
Name of material:
Remarks: Not dangerous goods

Inland ship transport:

ADN/ADNR Class: Subclass:
Category:
Name of material:
Remarks: Not dangerous goods

Sea transport:

IMDG: Class: UN-No.: none PG:
EmS: MFAG:
Marine pollutant:
Technical name of material:
Remarks: Not dangerous 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:

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations /

Legislation Specific for the Mixture : EC 1907/2006, 1272/2008, 453/2010

15.2 Chemical Safety Assessment : No components at hazardous levels.

Contains: [3-[[[heptadecafluorooctyl]sulphonyl]amino]propyl]trimethylammonium
iodide (CAS No. 1652-63-7; EC No. 216-716-3).

Hazard statement: No components at levels considered hazardous.

Precautions: Avoid breathing mists (P261). Wash thoroughly after handling (P264). Do not eat, drink or smoke when using this product (P270). Contaminated work clothing should not be allowed out of the workplace (P272). Wear protective gloves and eye protection (P280). If swallowed, call a poison center or physician if you feel unwell (P301+P312). Rinse mouth with water (P330). If on skin: wash with plenty of soap and water (P302+P352). If skin irritation or rash occurs: get medical advice (P333+P313). If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing (P305+P351+P338). If eye irritation persists, get medical advice. (P337+P313). Dispose of contents/container in accordance with local / national / international regulations (P501).

16. Other Information

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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.