Brain Power Inc.
Safety Data Sheet according to EC 1907/2006, 1272/2008, 453/2010
Date of Issue: 18 November, 2014

1. Substance / preparation and company identification

1.1 Product name: **BPI Lens Prep II™**
   Product codes: 70200, 70203, 72400

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: Sodium 2-(methyloleoylamino) ethane-1-sulphonate (CAS No. 137-20-2; EC No. 205-285-7)
   Content: 4%  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:
   Sodium 2-(methyloleoylamino) ethane-1-sulphonate (CAS No. 137-20-2; EC No. 205-285-7)
   Content: 4%  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:
5. Fire-fighting measures
5.1 Suitable extinguishing media: Water fog, dry chemical, carbon dioxide, foam

Unsuitable extinguishing media: May cause eye irritation.

5.2 Exposure hazards: Wear self-contained breathing apparatus with protective clothing to avoid personal contact.

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

7. Handling and storage
7.1 Precautions for Safe Handling: Wear eye protection (P280). 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.

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.

9. Physical and chemical properties
Appearance: Slightly turbid liquid
Colour: Slight odor

Changes in physical state
Boiling point/Boiling range (°C): > 100°C
Melting point (°C): < 0°C
Freezing temperature (°C): < 0°C
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Flash point (°C) : no data
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 : May be harmful if swallowed.
Specific symptoms in animal experiments: Oral LD50 5.2 g/kg (oral mouse) is typical for surfactant component.
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 Persistance 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 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
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
15.2 Chemical Safety Assessment : No components at hazardous levels. Contains: Sodium 2-(methyloleoylamino) ethane-1-sulphonate (CAS No. 137-20-2; EC No. 205-285-7)

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

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.