

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: 25, March 2020

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

1.1 Product identifier(s): **BPI Activator**

Product codes: 41501.

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

Use: To condition plastic lenses before tinting.

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: Not applicable

Hazard Statement(s): Not applicable

Precautionary Statement(s): 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 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 Prolonged contact with skin or eyes may cause redness or irritation. Inhalation of vapors at high temperatures may be irritating. May be slightly toxic by ingestion. Avoid contact and inhalation.

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 glycols and glycol ethers.

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Chemical name:
Synonym:
CAS-Reg.No:
EC-No:
EINECS-No:
Concentration: 100%

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

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. If skin irritation occurs: get medical advice.

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. Rinse mouth with water.

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:

Emits toxic fumes under fire conditions. Decomposing may produce oxides of carbon (CO and CO₂).

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 eye or 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: Use only in a double-boiler system designed for lens tinting. Avoid open flame, spark or hot plate. Avoid inhalation, eye and skin contact. Do not Swallow. Wash well after use. Eye washes and safety showers are strongly recommended. Dispose of material properly if significant darkening or thickening occurs.
- 7.2 Conditions for Safe Storage, including any incompatibilities:
Stable on storage under normal conditions. Store in a cool, dry place. Avoid strong acids and strong oxidizing agents.
- 7.3 Specific End Use: To condition plastic lenses before tinting.
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8. Exposure controls and personal protection

- 8.1 Control parameters: US WEEL TWA 25 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 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: Colorless to slight yellow liquid.
- Odour: Slight odor
- Changes in physical state
- Boiling point/Boiling range (°C) : 202°C
- Melting point (°C) : -78°C
- Freezing temperature (°C) : -78°C
- Flash point (°C) : 98°C (PMCC)
- Ignition temperature (°C) : No Data
- Autoignition : 204°C
- Explosion hazard : See Below
- Flammability/Explosion limits (Vol.-%) : lower: 1.2% upper: 11%
- Vapour pressure (mbar) : 0.13 at 20°C
- Vapor density (g/cm3) : No Data
- Bulk density (kg/m3) : No Data

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Solubility in water	:	Soluble
Solubility in other solvents	:	
pH-value	:	4-5 at 20% H2O
Viscosity	:	0.0045 Poise @ 20°C
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	:	Concentration to dryness may lead to a build-up of explosive peroxides.
10.4 Conditions to avoid	:	Concentration to dryness may lead to a build-up of explosive peroxides.
10.5 Incompatible materials	:	Avoid strong acids and strong oxidizing agents.
10.6 Hazardous decomposition products	:	Decomposing may produce oxides of carbon (CO and CO2).

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity: Toxicity by ingestion not well documented.

Specific symptoms in animal experiments: LD50 10.5 gm/kg (oral rat)

Irritation effects: Eye and skin contact may cause redness and irritation.

Sensitization: No data.

Subacute to chronic toxicity: No data.

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-Pimephales promelas (fathead minnow)-9,650 mg/l-96 hr

12.2 Persistence and Degradability: More than 80% biodegradable.

12.3 Bioaccumulative potential: No Data.

12.4 Mobility in Soil: No Data.

12.5 Results of PBT and vPvP Assessment: No Data.

12.6: Other adverse effects: No Data.

13. Disposal considerations

13.1 Waste Treatment Methods: Dispose of waste in accordance with all local, state and federal regulations.

14. Transport Information

14.1 UN Number: None.

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- 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 and 10.3.
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 : Not classified as hazardous.

Contains: No materials at levels considered hazardous.

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 Ethers. Quantities in excess of 25,000 lb must be reported. This information should be included in all MSDS's that are copied and distributed.

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

German Water Hazard Class WGK 1.

16. Other Information

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

Most Recent Revision: 25 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.