

# Material Safety Data Sheet

Data may be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

N/A = Not applicable. N/D = No data

**Identity:** BPI Polycarbonate Energizer™  
(As used on label and list)

<b>Section I</b>	<b>Manufacturer's Name:</b> Brain Power Incorporated (BPI)	<b>Emergency Telephone Number:</b> 305-264-4465				
	<b>Address:</b> 4470 SW 74th Avenue Miami, Florida 33155, USA.	<b>Telephone Number for Information:</b> 305-264-4465		<b>Date Prepared:</b> 1 May 2008		
<b>Section II</b> Specific Chemical Identity; Common Name (s)	<b>Hazardous Components</b> Specific Chemical Identity; Common Name (s)		<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>	<b>% Optional</b>
	Proprietary S D Alcohol		1000 ppm	1000 ppm		
	Trade secret aromatic ester		Not established	Not established		
	Other ingredients not listed are proprietary and are not known to be hazardous.					
<b>Section III</b> Characteristics	<b>Boiling Point:</b> >212° F	<b>Specific Gravity: (H<sub>2</sub>O=1)</b> N/D		<b>pH:</b> N/D		
	<b>Vapor Pressure: (mm Hg.)</b> N/D	<b>Melting Point:</b> N/D				
	<b>Vapor Density: (AIR=1)</b> N/D	<b>Evaporation Rate: (Butyl Acetate =1)</b> N/D				
	<b>Solubility in Water:</b> Miscible	<b>Appearance &amp; Odor:</b> Slightly turbid solution.				
<b>Section IV</b> Fire and Explosion Hazard Data	<b>Flash Point: (Method Used)</b> 60° F for SD Alcohol TOC		<b>Flammable Limits:</b> For SD Alcohol		<b>LEL:</b> 3.2% @ 38° C. <b>UEL:</b> 25.7% @ 66° C.	
	<b>Extinguishing Media:</b>	Water fog, dry chemical, carbon dioxide, foam				
	<b>Special Fire Fighting Procedures:</b>	Wear self-contained breathing apparatus with face shield and protective clothing to avoid personal contact.			<b>NFPA CODES</b>	<b>F:</b> N/D
	<b>Unusual Fire and Explosion Hazards:</b>	Contains < 6 % flammable solvents. Avoid spark or open flame as a precautionary measure. DO NOT USE HOT PLATE.				<b>H:</b> N/D
					<b>R:</b> N/D	
					<b>S:</b> N/D	

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 (As used on label and list)

<b>Section V</b> Reactivity Data	<b>Stability:</b>	<b>Unstable:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> Stable on storage under normal conditions
		<b>Stable:</b> <input checked="" type="checkbox"/>	
	<b>Incompatibility:</b> (Materials to avoid) Avoid oxidizing and reducing agents, strong acids and strong bases.		
<b>Hazardous Decomposition or Byproducts</b> Decomposing may produce oxides of carbon, nitrogen and/or sulfur.			
<b>Section VI</b> Health Hazard Data	<b>Hazardous Polymerization:</b>	<b>May occur:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> None known
		<b>Will not occur:</b> <input checked="" type="checkbox"/>	
	<b>Route(s) Of Entry:</b> Inhalation? Yes      Skin? Yes      Ingestion? Yes		
<b>Health Hazards:</b> (Acute & Chronic) May be harmful by inhalation and skin absorption.. May cause eye and skin irritation. Sensitizers; may cause allergic reaction. May be toxic by ingestion. LD50 SD Alcohol 6.2g/kg (rat) LD50 Aromatic Ester 5.5g/kg (rat)			
<b>Carcinogenicity:</b> NTP? Yes      IARC Monographs? Not listed.      OSHA Regulated? See note			
NOTE: Not regulated as a carcinogen. No evidence of human carcinogenicity. The components of this product are listed in the TSCA inventory			
<b>Signs &amp; Symptoms of Exposure:</b> Overexposure may cause redness and irritation of the eyes and skin.			
<b>Medical Conditions Generally Aggravated By Exposure:</b> May aggravate existing skin , eye ,or liver conditions on overexposure.			
<b>Emergency &amp; First Aid Procedures:</b> Inhalation: Remove to fresh air immediately. Eye or skin contact: Remove contaminated clothing and flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice. Ingestion: Seek immediate medical assistance.			
<b>Section VII</b> Precautions For Safe Handling And Use	<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> Remove all ignition sources. Avoid eyes or skin contact. DO NOT SWALLOW. Wear impervious gloves and splash-proof chemical goggles. Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal. For major spills wear a NIOSH approved respirator for organic vapors.		
	<b>Waste Disposal Method:</b> Dispose of waste in accordance with all local, state and federal regulations.		
	<b>Precautions To Be Taken In Handling &amp; Storage:</b> Use only with appropriate equipment. Avoid open flame, spark or hot plate. Avoid personal contact. DO NOT SWALLOW. Keep container closed when not in use. Work in well-ventilated area. Wash well after use. Eye washes and safety showers are strongly recommended.		
<b>Section VIII</b> Control Measures	<b>Respiratory Protection:</b> (Specify Type) See information specific to spills.		
	<b>Ventilation:</b>	<b>Local Exhaust:</b> Recommended	<b>Special:</b> Comply with state and local regulations
		<b>Mechanical:</b> (General) Acceptable	<b>Other:</b> Avoid ignition sources
	<b>Protective Gloves:</b> Strongly recommended		
	<b>Eye Protection:</b> Strongly recommended		
	<b>Other Protective Clothing Or Equipment:</b> Protective lab coat recommended		
<b>Work/Hygenic Practices:</b> Avoid all personal contact. Wear appropriate safety equipment. Wash well after use.			