

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:

(As used on label and list)

BPI Water Soft™

Section I	Manufacturer's Name: Brain Power Incorporated (BPI)	Emergency Telephone Number: 305-264-4465				
	Address: 4470 SW 74th Avenue Miami, Florida 33155, USA.	Telephone Number for Information: 305-264-4465				
		Date Prepared: 1 May 2008				
Section II	Hazardous Components Specific Chemical Identity; Common Name (s)		OSHA PEL	ACGIH TLV	Other Limits	% Optional
	Sodium Hydroxide (CAS# 1310-73-2) Other ingredients not listed are proprietary and are not known to be hazardous.		2 mg/cu m	2 mg/cu m		
Section III	Boiling Point: N/D		Specific Gravity: (H ₂ O=1) N/D		pH: N/D	
	Vapor Pressure: (mm Hg.) N/D		Melting Point: N/D			
	Vapor Density: (AIR=1) N/D		Evaporation Rate: (Butyl Acetate =1) N/D			
	Solubility in Water: Soluble		Appearance & Odor: Colorless liquid. Slight odor			
Section IV	Flash Point: (Method Used) N/A		Flammable Limits: N/A		LEL: N/A UEL: N/A	
	Extinguishing Media: Water Fog. Dry chemical. Foam. Carbon dioxide.					
	Special Fire Fighting Procedures: Disconnect all ignition sources. Avoid eye or skin contact. DO NOT SWALLOW. Wear self-contained breathing apparatus, face shield and protective clothing to avoid personal contact.				NFPA CODES	F: 0
	Unusual Fire and Explosion Hazards: Reacts with many metals (especially zinc or aluminum) to evolve hydrogen gas which may form explosive mixtures in air. Disconnect all ignition sources.					H: N/D
					R: N/D	
					S: N/D	

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Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions. Avoid ignition sources.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, organic materials (especially acids), strong mineral acids.		
	Hazardous Decomposition or Byproducts Decomposing may produce oxides of carbon, nitrogen and/or sulfur. May react with some metals to evolve hydrogen gas.		
Section VI Health Hazard Data	Hazardous Polymerization:	May occur: <input type="checkbox"/>	Conditions to avoid: None known
		Will not occur: <input checked="" type="checkbox"/>	
	Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes		
	Health Hazards: (Acute & Chronic) Causes severe burns to eyes and may lead to blindness. Skin contact may result in burns and ulceration. Inhalation or ingestion may lead to severe burns of the mucous linings of the respiratory and digestive tract. Extreme overexposure may be fatal.		
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Signs & Symptoms of Exposure: Exposure by eye or skin contact or by inhalation may cause severe redness, irritation, burning and possible tissue damage. May cause severe respiratory or gastric distress on inhalation or ingestion. May cause damage to the cornea.			
Medical Conditions Generally Aggravated By Exposure: May exacerbate existing eye, skin or respiratory conditions.			
Emergency & First Aid Procedures: Ingestion: Seek immediate medical assistance. Inhalation: Remove to fresh air immediately. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If respiratory distress or any irritation persists seek medical assistance.			
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Avoid eye or skin contact. DO NOT SWALLOW. Wear impervious gloves and splash-proof chemical goggles to avoid personal contact. Soak up spill with an inert absorbent material. Store in a closed container for proper disposal. For major spills wear a NIOSH approved respirator.		
	Waste Disposal Method: Dispose of waste in accordance with all local, state, and federal regulations.		
	Precautions To Be Taken In Handling & Storage: Avoid eye or skin contact. DO NOT INHALE OR SWALLOW. Use only with appropriate equipment. DO NOT USE HOT PLATE OR OPEN FLAME. Keep container closed when not in use. Wash well after use. Use only in well-ventilated areas. Eye washes and safety showers are strongly recommended.		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See information under spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with state and local regulations
		Mechanical: (General) Acceptable	Other: Avoid ignition sources
	Protective Gloves: Strongly recommended		
	Eye Protection: Strongly recommended		
Other Protective Clothing Or Equipment: Protective lab coat recommended.			
Work/Hygenic Practices: Avoid all personal contact. Wear appropriate safety equipment. Wash well after use.			