

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 Diamond Saver™

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 Specific Chemical Identity; Common Name (s)	Hazardous Components Specific Chemical Identity; Common Name (s)		OSHA PEL	ACGIH TLV	Other Limits	% Optional
	Sodium nitrite CAS # (7632-00-0)		Not established	Not established		
	Polyoxyethylene Tridecyl ether Phosphate (CAS # 9046-01-9)		Not established	Not established		
	Sodium Hydroxide (CAS # 7632-00-0)		2 mg/cu m	2 mg/cu m		
All other ingredients not listed are proprietary and are not known to be hazardous.						
Section III Characteristics	Boiling Point: N/D		Specific Gravity: (H₂O=1) >1		pH: N/D	
	Vapor Pressure: (mm Hg.) N/D		Melting Point: N/D			
	Vapor Density: (AIR=1) >1		Evaporation Rate: (Butyl Acetate =1) N/D			
	Solubility in Water: Dispersible		Appearance & Odor: White to yellow milky dispersion. Slight odor.			
Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) >200° F (PMCC)		Flammable Limits: Not determined		LEL: N/D	UEL: N/D
	Extinguishing Media: Dry chemical, water fog, carbon dioxide, foam.					
	Special Fire Fighting Procedures: Wear self-contained breathing apparatus with face shield and protective clothing to avoid personal contact.				NFPA CODES	F: 0*
	Unusual Fire and Explosion Hazards: *STRONG OXIDIZER. Contact with organic materials may cause fire. May be difficult to extinguish.					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 excessive heat.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, strong acids organic bases, cyanides, activated carbon, ammonium salts.		
Hazardous Decomposition or Byproducts Decomposes to evolve oxides of carbon, nitrogen phosphorus and silicon.			
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) Highly toxic by ingestion. Inhalation may cause severe inflammation of the lungs. May reduce ability of blood to carry oxygen (cyanosis). May cause eye and skin irritation.			
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 and irritation or burns. Ingestion : severe nausea, gastric disturbance, cyanosis. Inhalation: may lead to extreme shortness of breath.			
Medical Conditions Generally Aggravated By Exposure: May exacerbate existing eye, skin, and pulmonary problems.			
Emergency & First Aid Procedures: Ingestion: Seek immediate medical attention. Inhalation: remove to fresh air. Eye or skin contact: flush exposed area well with water for at least 15 minutes. If irritation or respiratory distress 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 OR INHALE. Wear impervious gloves and splash-proof chemical goggles. Avoid personal contact. Soak up spill with inert absorbent material. Store in closed container for proper disposal. Avoid organic bases. Disconnect all ignition sources.		
	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. DO NOT USE HOT PLATE OR OPEN FLAME. Keep container closed when not in use. Use only with appropriate equipment . Wash well after use. Eye washes and safety showers are strongly recommended. Work only in well ventilated area. Avoid ignition sources.		
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.			