

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 HTF-90™

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
Section II Specific Chemical Identity; Common Name (s)	<p>Polyalkylene Glycol Ether</p> <p><i>SECTION 313 SUPPLIER NOTIFICATION</i></p> <p><i>This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):</i></p> <p>CAS # CHEMICAL NAME</p> <p>N/A Glycol Ethers</p> <p><i>Quantities in excess of 25,000 lb must be reported. This information should be included in all MSDS's that are copied and distributed for this material.</i></p> <p>N-Phenyl-1-Naphthylamine (CAS# 90-30-2)</p>	Not known	Not known		
		Not known	Not known		< 5%

Section III Characteristics	Boiling Point: Decomposes > 392° F	Specific Gravity: (H2O=1) 1.04	pH: N/D
	Vapor Pressure: (mm Hg.) Vapor pressure < 0.01 mm Hg	Melting Point: - 66° F	
	Vapor Density: (AIR=1) > 1	Evaporation Rate: (Butyl Acetate =1) ~ 0	
	Solubility in Water: Soluble	Appearance & Odor: Faint yellow liquid. Characteristic odor.	

Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) > 400° F (PMCC)	Flammable Limits: Not determined	LEL: N/D	UEL: N/D
	Extinguishing Media: Dry chemical. Foam. Carbon dioxide.			
	Special Fire Fighting Procedures: Do not use water fog or spray on hot liquid. Wear self-contained breathing apparatus with face-shield and protective clothing to avoid personal contact.	NFPA CODES	F: 1	
	Unusual Fire and Explosion Hazards: None known.		H: 1	
		R: 0		
		S: 0		

The information contained herein is based on data believed by Brain Power Inc. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user. No significant environmental effects are known as formulated. As chemical use restrictions become more severe and product hazards are more thoroughly investigated, BPI will continue the effort to replace and/or avoid the use of hazardous materials. Where they are known and as more materials are added to the hazardous lists we will continue to work diligently to replace them. All data and information provided as of this date of preparation as per form OSHA "Right to know" Regulation 29 CFR 1910.1200 is done in good faith without warranty of accuracy or completeness. Conditions of use are of ten beyond our control and BPI disclaims liability for hazards connected with the use, mishandling or abuse of this material. BPI further offers no warranty of the results obtained through the use of this product. This information is provided solely for your consideration and evaluation.

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Identity:

(As used on label and list)

BPI HTF-90™

Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions. Prolonged heating at high temperature may lead to slow decomposition.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, strong acids and strong bases, materials reactive to hydroxyl groups		
Hazardous Decomposition or Byproducts Decomposing may produce oxides of carbon. Overheating may evolve traces of organic acids, aldehydes, esters & ketones			
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? Slight Skin? Slight Ingestion? Yes		
Health Hazards: (Acute & Chronic) Prolonged contact with skin or eyes may cause redness or irritation. Inhalation of vapors at high temperature may be irritating or harmful to the eyes and respiratory tract. May lead to dizziness or nausea. May be slightly toxic by ingestion. LD ₅₀ of Glycol Ether: 7ml/kg rat.			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Signs & Symptoms of Exposure: Eye and skin exposure may cause redness and irritation. Inhalation of vapors at high temperatures may be irritating or harmful. Toxicity by ingestion not well documented.			
Medical Conditions Generally Aggravated By Exposure: May aggravate existing skin or pulmonary conditions.			
Emergency & First Aid Procedures: Inhalation: Move to fresh air. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical assistance. Ingestion: Seek immediate medical assistance. Drink 2 glasses of water but do not induce vomiting.			
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 (such as disposable latex) and splash-proof chemical goggles. Soak up spills with an inert absorbent material. Place in a closed container for proper disposal. For major spills wear a NIOSH approved respirator for organic vapors.		
	Waste Disposal Method: Dispose of waste in accordance with all local, state, and federal regulations.		
	Precautions To Be Taken In Handling & Storage: Avoid inhalation, skin and eye contact. DO NOT SWALLOW. Use only with appropriate equipment. Do not use open flame or hot plate. Keep container closed when not in use. Work in a well-ventilated area. Dispose of material properly if significant darkening or thickening occurs. Decomposition may lead to irritating vapor. Wash well after use. Eye washes and safety showers are strongly recommended.		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See information specific to spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with local and state regulations
		Mechanical: (General) Acceptable	Other: N/A
	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.			