

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 Ultrasonic R™

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	
	Hydrochloric acids (CAS# 7647-01-0)		5 ppm	5 ppm			
	Propargyl Alcohol (CAS# 107-19-7)		Not established	1 ppm			
	Trade secret surfactants		Not established	Not established			
	Trade secret solvents		Not established	Not established			
(Formaldehyde may be present in trace quantities as a degradation by-product).							
All other ingredients not listed are proprietary and are not known to be hazardous.							
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: Miscible		Appearance & Odor: Colorless to slightly turbid liquid.				
Section IV	Flash Point: (Method Used) Not determined		Flammable Limits: Not determined		LEL: N/D UEL: N/D		
	Extinguishing Media:	Water fog. Dry chemical, carbon dioxide, foam					
	Special Fire Fighting Procedures:	CORROSIVE. Disconnect all ignition sources. Wear self-contained breathing apparatus with face shield and protective clothing to avoid personal contact. May evolve toxic and corrosive hydrogen chloride gas.				NFPA CODES	F: N/D
	Unusual Fire and Explosion Hazards:	May evolve hydrogen chloride gas; highly toxic and corrosive. Contains <12% flammable solvents. Disconnect all ignition sources. Reacts with many metals to evolve hydrogen gas which may form explosive mixtures with air.					H: N/D
						R: N/D	
						S: N/D	

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 (As used on label and list)

Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions. Use caution in contact with certain metals.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, phosphorus pentoxide, sulfuric acid, strong base, mercury sulfate, some metals.		
Hazardous Decomposition or Byproducts Decomposes to evolve oxides of carbon, nitrogen and/or sodium.			
Section VI Health Hazard Data	Hazardous Polymerization:	May occur: <input type="checkbox"/>	Conditions to avoid: None known as formulated.
		Will not occur: <input checked="" type="checkbox"/>	
	Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes		
Health Hazards: (Acute & Chronic) Lachrymator, may be severely irritating to skin, eyes, or mucous membranes. Toxic by ingestion. May lead to tissue damage on overexposure. May damage cornea. Formaldehyde levels here are below those known to cause cancer.			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Formaldehyde levels here are below the TLV levels known to be carcinogenic in animals.			
Signs & Symptoms of Exposure: Eye exposure may lead to severe irritation, corneal damage or blindness. Inhalation or skin contact may lead to severe irritation and possible tissue damage, Ingestion may lead to severe gastric disturbance.			
Medical Conditions Generally Aggravated By Exposure: May exacerbate current 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. Seek medical assistance for any eye exposure or persistent irritation.			
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Avoid personal contact. DO NOT SWALLOW. Wear impervious gloves and protective splash-proof goggles to avoid personal contact. Soak up spill with inert absorbent material. Store in closed container for proper disposal. Wear NIOSH-approved respirator where vapor levels may be high.		
	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. Work only in ventilated area. Eye washes and showers are strongly recommended.		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See appropriate information under spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with state and local regulations
		Mechanical: (General) Acceptable	Other: Avoid all 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.			