

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 Mark Off™

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	
	SECTION 313 SUPPLIER NOTIFICATION This product contains the following chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): CAS # CHEMICAL NAME 872-50-4 2-Pyrrolidinone, 1-methyl- 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. All other materials are trade secret. Any hazards involved with these materials are delineated in this MSDS form.		Not known	Not known	100 ppm		
Section III Characteristics	Boiling Point: 202° C		Specific Gravity: (H ₂ O=1) 1.03		pH: 7		
	Vapor Pressure: (mm Hg.) .29 mm Hg (at 20° C)		Melting Point: -24.4° C				
	Vapor Density: (AIR=1) 3.4		Evaporation Rate: (Butyl Acetate =1) 0.3				
	Solubility in Water: Miscible		Appearance & Odor: Clear liquid. Mild amine odor				
Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) 199° F (PMCC)		Flammable Limits:		LEL: 1.3 % UEL: 9.5 %		
	Extinguishing Media: Dry chemical. Foam. Carbon dioxide. Water. Alcohol foam.						
	Special Fire Fighting Procedures: Wear self-contained breathing apparatus with face-shield and protective clothing to avoid personal contact.					NFPA CODES	F: 2
	Unusual Fire and Explosion Hazards: Avoid ignition sources such as spark, open flame, or hot plate.						H: 2
						R: 0	
						S: N/D	

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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Section V Reactivity Data	Stability: Unstable: ☐ Stable: ☒	Conditions to avoid: Avoid ignition sources	
	Incompatibility: (Materials to avoid) Avoid strong oxidizing and reducing agents.		
	Hazardous Decomposition or Byproducts Decomposing may produce oxides of carbon and nitrogen.		
	Hazardous Polymerization: May occur: ☐ Will not occur: ☒	Conditions to avoid: None known	
Section VI Health Hazard Data	Route(s) Of Entry: Inhalation? Slight Skin? Yes Ingestion? Yes		
	Health Hazards: (Acute & Chronic) May cause irritation on overexposure by inhalation, eye or skin contact. Repeated exposure causes severe skin irritation. Oral toxicity, LD 50. 4.2 g/kg oral rat.		
	Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed		
	Signs & Symptoms of Exposure: Overexposure may lead to redness and irritation of the eyes and skin. Prolonged contact can cause severe dermatitis.		
	Medical Conditions Generally Aggravated By Exposure: May aggravate existing skin or eye 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: Take 2 glasses of water and induce vomiting.		
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Disconnect all ignition sources. Avoid eye or skin contact. DO NOT INHALE OR 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 personal contact. DO NOT SWALLOW. Use only in well-ventilated areas. Do not use hot plate or flame. Use only with appropriate equipment. Avoid all ignition sources. Eye washes and safety showers are strongly recommended. Close container when not in use. Wash well after use.		
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: 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.			