



Data not valid after
31 December 1999

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.

Identity:

(As used on label and list) BPI Molecular Catalytic™ Dyes, BPI Sport Tints™, BPI Super Concentrate™ Dyes, BPI Red Out™, BPI UV Brown Plus™, BPI UV Gray Plus™, BPI Basic™ Dyes, BPI UV-IR Solar® Dyes, BPI VDT Dyes.

Section I	Manufacturer's Name: Brain Power Inc. (BPI)		Emergency Telephone Number: (305) 264-4465		
	Address: 4470 SW 74 Avenue		Telephone Number for Information: (305) 264-4465		
	Miami, Florida 33155, USA.		Date prepared: 16 July 1993		
Section II	Hazardous Components <i>Specific Chemical Identity; Common Name (s)</i>				
	Disperse Yellow 3 (CAS# 2832-40-8). See Section VI		OSHA PEL	ACGIH TLV	Other Limits
	Disperse Violet 1 (CAS# 128-95-0)		Not established	Not established	
	Disperse Blue 7		Not established	Not established	
	All remaining dyes are trade secrets Other ingredients not listed are proprietary and are not known to be hazardous. Not all components are in all dyes.				
Section III	Boiling Point: > 212 F		Specific Gravity: ~1 <i>(H₂O=1)</i>		
	Vapor Pressure: Due to water <i>(mm Hg.)</i>		Melting Point: < 32F		
	Vapor Density: Due to water <i>(AIR=1)</i>		Evaporation Rate: Approximately water <i>(Butyl Acetate=1)</i>		
	Solubility in Water: Miscible		Appearance & Odor: Colored liquid, slight odor		
Section IV	Flash Point: Not determined <i>(Method Used)</i>		Flammable Limits: No data		
	Extinguishing Media		LEL: No data		
	Special Fire Fighting Procedures		UEL: No data		
	Unusual Fire and Explosion Hazards				
Water fog, dry chemical, carbon dioxide, foam		Wear self-contained breathing apparatus with protective clothing to avoid personal contact			
None known.		NFPA CODES F: 0 H: 1 R: 1 S:			

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Section V Reactivity Data	Stability: Unstable: _____ Stable: _____ X	Conditions to avoid: Stable on storage under normal conditions	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, strong acids and strong bases		
	Hazardous Decomposition or Byproducts Decomposes to oxides of carbon, nitrogen and/or sulphur		
Section VI Health Hazard Data	Hazardous Polymerization: May occur _____ Will not occur _____ X	Conditions to avoid: None known	
	Route (s) of Entry Inhalation? Slight Skin? Yes Ingestion? Yes		
	Health Hazards (Acute & Chronic) May cause slight irritation by inhalation. May cause eye and skin irritation. Dyes are possible sensitizers, may cause allergic reaction. May be toxic by ingestion. Oral LD50 ~ 2g/kg (rat) is typical. Disperse Violet 1 & Disperse Blue 7 may be mutagenic, positive Ames test. Disperse Yellow 3 has been found to produce tumors in feeding studies with lab animals.		
	Carcinogenicity NTP? Yes IARC Monographs? No OSHA Regulated? No		
	Signs and symptoms of exposure Overexposure may cause redness and irritation. Sensitization may occur with possible allergic reaction.		
Section VII Precautions for safe handling and use	Medical conditions generally aggravated by exposure May aggravate existing skin conditions.		
	Emergency and first aid procedures Inhalation: Move to fresh air. Ingestion: Seek immediate medical assistance. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice.		
	Steps to be taken in case material is released or spilled. Avoid skin contact. Do not swallow. Wear impervious gloves (such as disposable latex) and splashproof chemical goggles. Soak up all spills with inert absorbent material. Place in closed container for proper waste 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		
Section VIII Control Measures	Precautions to be taken in handling and storage Use only with appropriate equipment. Do not use a hot plate or open flame. Avoid eye and skin contact. Wash thoroughly after use. Keep container closed when not in use. Work in well-ventilated area. Eye washes and safety showers are recommended.		
	Respiratory protection (Specify Type) See appropriate information under spills		
	Ventilation	Local Exhaust: Recommended	Special: Comply with state and local regulations
		Mechanical: (General) Acceptable	Other: Not applicable
	Protective Gloves: Recommended		
	Eye Protection: Recommended		
	Other Protective Clothing or Equipment: Protective lab coat recommended		
Work/Hygienic Practices: Avoid all personal contact. Wear appropriate safety equipment. Wash well after use.			

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