

# 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 Chem Temp Crown Salt™

<b>Section I</b>	<b>Manufacturer's Name:</b> Brain Power Incorporated (BPI)	<b>Emergency Telephone Number:</b> 305-264-4465
	<b>Address:</b> 4470 SW 74th Avenue Miami, Florida 33155. USA.	<b>Telephone Number for Information:</b> 305-264-4465
		<b>Date Prepared:</b> 1 May 2008

<b>Section II</b>	<b>Hazardous Components</b>				
	Specific Chemical Identity; Common Name (s)	OSHA PEL	ACGIH TLV	Other Limits	% Optional
<b>Section II</b> Specific Chemical Identity; Common Name (s)	Potassium Nitrate, KNO <sub>3</sub> (CAS# 7757-79-1)	Not established	Not established		
	Silica Gel (CAS# 112926-00-8)	80 mg/cu m	10 mg/cu m		

<b>Section III</b>	<b>Boiling Point:</b> Decomposes @ 750°F	<b>Specific Gravity:</b> (H <sub>2</sub> O=1) 2.1	<b>pH:</b> N/D
	<b>Vapor Pressure:</b> (mm Hg.) N/D	<b>Melting Point:</b>	N/D
	<b>Vapor Density:</b> (AIR=1) N/D	<b>Evaporation Rate:</b> (Butyl Acetate =1)	N/D
	<b>Solubility in Water:</b> Partially Soluble	<b>Appearance &amp; Odor:</b>	White powder

<b>Section IV</b>	<b>Flash Point:</b> (Method Used) Non-flammable	<b>Flammable Limits:</b> N/A	<b>LEL:</b> N/A	<b>UEL:</b> N/A
	<b>Extinguishing Media:</b>	Water only		
	<b>Special Fire Fighting Procedures:</b>	Wear self-contained breathing apparatus with face shield and protective clothing to avoid personal contact. Flood with large quantities of water. In molten state water may scatter the liquid. Use with caution.		<b>NFPA CODES</b>
	<b>Unusual Fire and Explosion Hazards:</b>	* May react spontaneously with readily oxidizable materials. Flammable materials become readily combustible in molten state. DO NOT USE WITH PLASTIC LENSES. Use only stainless steel tools. DO NOT USE WITH ALUMINUM TOOLS.		

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 often 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. © 1994-2001. Brain Power Inc. BPI and all specific product names mentioned herein are trademarks of Brain Power Incorporated. Miami, Florida. BPI is a registered trademark with the US Patent Office and with similar offices in other countries.

**Identity:**

(As used on label and list)

BPI Chem Temp Crown Salt™

<b>Section V</b> Reactivity Data	<b>Stability:</b>	<b>Unstable:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> Avoid use with plastic lenses or aluminum tools. Reaction with reducing agents while molten may cause explosion.	
		<b>Stable:</b> <input checked="" type="checkbox"/>		
	<b>Incompatibility:</b> (Materials to avoid) Avoid inorganic fluorides, magnesium, reducing agents, combustible materials.			
<b>Hazardous Decomposition or Byproducts</b>		May decompose to evolve nitrogen oxides		
<b>Section VI</b> Health Hazard Data	<b>Hazardous Polymerization:</b>	<b>May occur:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> None known	
		<b>Will not occur:</b> <input checked="" type="checkbox"/>		
	<b>Route(s) Of Entry:</b> <b>Inhalation?</b> Yes <b>Skin?</b> Yes <b>Ingestion?</b> Yes			
<b>Health Hazards:</b> (Acute & Chronic) Inhalation of dust may lead to silicosis. May cause eye and skin irritation. Dust may irritate mucous membranes.				
<b>Carcinogenicity:</b> NTP? N/A <b>IARC Monographs?</b> N/A <b>OSHA Regulated?</b> N/A				
<b>Signs &amp; Symptoms of Exposure:</b> Overexposure by inhalation may lead to silicosis. Inflammation and redness may occur by overexposure to skin.				
<b>Medical Conditions Generally Aggravated By Exposure:</b> May exacerbate eye, skin, or respiratory conditions				
<b>Emergency &amp; First Aid Procedures:</b> Eye or skin contact: flush exposed area well with copious quantities of water for at least 15 minutes. If irritation persists seek medical assistance. Inhalation: remove to fresh air. If breathing difficulty persists seek medical attention. Ingestion: Seek immediate medical attention.				
<b>Section VII</b> Precautions For Safe Handling And Use	<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b> Wear impervious gloves and splash-proof chemical goggles. Wear NIOSH-approved respiratory protection for dust. Ventilate the area well and sweep up the dust. Slight wetting of dust may reduce dispersal in air during clean-up. Place in closed container for disposal. Allow molten spills to cool prior to clean-up as above.			
	<b>Waste Disposal Method:</b> Dispose of waste in accordance with all local, state and federal regulations.			
	<b>Precautions To Be Taken In Handling &amp; Storage:</b> Avoid personal contact. Wear eye protection and gloves. DO NOT SWALLOW. Do not use with plastic lenses or aluminum tools. Do not use in the presence of reducing agents or flammable materials. Use only appropriate equipment. Do not use with hot plate or open flame.			
<b>Section VIII</b> Control Measures	<b>Respiratory Protection:</b> (Specify Type) Harmful dust. Wear NOSH-approved respirator.			
	<b>Ventilation:</b>	<b>Local Exhaust:</b> Recommended	<b>Special:</b> Comply with state and local regulations	
		<b>Mechanical:</b> (General) Acceptable	<b>Other:</b> N/A	
	<b>Protective Gloves:</b>		Strongly recommended	
	<b>Eye Protection:</b>		Strongly recommended	
	<b>Other Protective Clothing Or Equipment:</b>		Protective lab coat recommended.	
<b>Work/Hygenic Practices:</b>		Avoid all personal contact. Wear appropriate safely equipment. Wash well after use.		