

Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard.  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupation Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) <b>MEMSTOR</b>	Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.
<b>Section I</b>	
Manufacturer's Name King Lee Technologies	Emergency Telephone Number 1-800-424-9300 (Chemtrec)
Address (Number, Street, City, State and ZIP Code) 8949 Kenamar Drive Bldg. 107	Telephone Number for Information (858) 693-4062
San Diego, CA 92121	Date Prepared September 1, 2011
	Signature of Preparer (Optional)

**Section II - Hazardous Ingredients/Identity Information**

Other Limits

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Recommended % (optional)

This product is a proprietary formulation of generally available chemical ingredients.

Complying with 29 CFR 1910.1200 (d), each ingredient in this formulation has been reviewed with the "Guide to Occupational Exposure Values - 2005" published by ACGIH. Only the following ingredients have listed occupational exposure values, and can be considered potentially hazardous:

Boric Acid (Cas No. 10043-35-3) ACGIH-TLV: TWA 21 mg/m<sup>3</sup>; STEL/C 61 mg/m<sup>3</sup>

**Section III - Physical/Chemical Characteristics** Powder (NA= Not Applicable)

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O=1)	1.45
Vapor Pressure (mm Hg.)	NA	Melting Point	>150°C
Vapor Density (AIR= 1)	NA	Evaporation Rate (Butyl Acetate= 1)	NA

Solubility in Water

Completely Soluble

Appearance and Odor

Colorless , odorless powder.

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	(Flammable Limits)	LEL	LEL
NA	NA	NA	NA

Extinguishing Media

Water

Special Fire Fighting Procedures

No special procedure are required.

Unusual Fire and Explosion Hazards

None known.

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid None known.
	Stable	X	

Incompatibility (*Materials to Avoid*)

Avoid contact with alkaline material.

## Hazardous Decomposition or Byproducts

None known.

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
--------------------	-------------	-------	------------

Health Hazards (*Acute and Chronic*) Eye Contact: May cause burns.

Skin Contact: Prolonged contact may cause irritation Ingestion: Low acute toxicity; LD 50 in rats is about 4,000 mg/Kg body weight. Inhalation: May cause irritation of airways.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

## Signs and Symptoms of Exposure

Irritation of eyes and damages skin.

## Medical Conditions

Generally Aggravated by Exposure Exposed wounds.

## Emergency and First Aid Procedures

Eyes and skin - flush eyes with excess water. Wash from skin with soap and water.

Inhaled - Remove subject to fresh air. Ingestion- rinse mouth and throat and stomach. Drink water or milk.

In all cases, call or see a physician.

**Section VII - Precautions for Safe Handling and Use**

## Steps to Be Taken in Case Material is Released or Spilled

Stop/spill release if possible with minimal risk. Keep area dry until swept up. Notify appropriate agencies.

## Waste Disposal Method

Spilled material may be swept up. Residual spill may be flushed with water. Small quantities can usually be disposed at landfill sites. Consult local authorities.

## Precautions to Be Taken in Handling and Storing

Keep dry before use.

## Other Precautions

A Good house keeping to minimize dust generation and accumulation.

**Section VIII - Control Measures**Respiratory Protection (*Specific Type*)

Use NIOSH or MSHA approved respirator for dust levels exceeding OSHA limit.

Ventilation	Local Exhaust Use in well ventilated areas.	Special Additional ventilation for dusty operations.
	Mechanical ( <i>General</i> ) NA	Other NA

## Protective Gloves

Water impenetrable gloves that can be washed

## Eye Protection

Chemical safety goggles recommendable

## Other Protective Clothing or Equipment

Work overalls would prevent contamination of street clothes.

## Work/Hygienic Practices

Wash gloves and hands before touching anything else.

---

**Section IX - Transportation Information**

---

DOT Hazardous Classification -

Not considered hazardous by the U.S. Department of Transportation (DOT)

---

TDG Canadian Transportation -

Products containing Boric Acid are not regulated under Transportation of Dangerous Goods (TDG)

---

International Transportation -

Products containing Boric Acid have no UN number, and are not regulated under international rail, road, water or air transport regulations.

---