

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)

MEMSTOR repackaged as SC-1

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.

Section I

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

January 1, 2014

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/m³; STEL/C 61 mg/m³

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

Boiling Point

NA

Specific Gravity (H₂O=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)

NA

(Flammable Limits)

NA

LEL

NA

LEL

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?
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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 MeasuresRespiratory 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.
