

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)

**MICROCLEAN UHP
Cleaner**

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

September 1, 2008

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:

None listed as potentially hazardous.

It does contain a blend of synergistic Quaternary Ammonium Chloride disinfectants, which should not be used osmosis membranes.

Section III - Physical/Chemical Characteristics

Liquid (NA= Not Applicable)

Boiling Point

>100°C

Specific Gravity (H₂O=1)

1

Vapor Pressure (mm Hg.)

NA

Melting Point

NA (H₂O Solution)

Vapor Density (AIR= 1)

NA

Evaporation Rate

NA

(Butyl Acetate= 1)

Solubility in Water

Completely Soluble

Appearance and Odor

Clear, colorless solution with mild odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

(Flammable Limits)

LEL

LEL

Not Flammable

Not Flammable

NA

NA

Extinguishing Media

No Restrictions.

Special Fire Fighting Procedures

Persons exposed to products of combustion should wear
self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards

Products of combustion are toxic. Organic vapors resulting from decomposition can form explosive mixtures with air.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Avoid heat and direct sun.
	Stable	X	

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents and acids.

Hazardous Decomposition or Byproducts

Nitrous oxides, ammoniacal vapors, carbon monoxide and hydrogen chloride.

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 chemical burns and severe eye damage.

Skin Contact: Prolonged contact may cause severe irritation. Ingestion: If swallowed, consult a physician immediately. Inhalation: Causes irritation of airways.

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

Signs and Symptoms of Exposure

Irritation and burning of eyes, skin, digestive or respiratory tract, nausea, vomiting, and transient disorientation. Ingestion can cause swelling of larynx, skeletal muscle paralysis affecting breathing, and may lead to fatal circulatory shock convulsion.

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. Ventilate area. Dike far ahead of spill for later recovery of disposal. Notify appropriate agencies. Immediate sweep up recommended.

Waste Disposal Method

Spilled material may be absorbed into an appropriate absorbent material and swept up. Residual spill can be flushed with water.

Precautions to Be Taken in Handling and Storing

Store in cool location away from sunlight.

Other Precautions

Avoid contact. Wear protective equipment if possible.

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

Use NIOSH or MSHA approved respirator for organic vapors.

Ventilation	Local Exhaust (Under Normal use) Use in well ventilated area.	Special Additional ventilation for handling large volumes.
	Mechanical (General) 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 -

Not considered hazardous under Transportation of Dangerous Goods (TDG)

International Transportation -

Products has no UN number, and is not regulated under international rail, road, water or air transport regulations.
