

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)		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>PROTEC RO - C</b> <b>Antifoulant</b>			
<b>Section I</b>			
Manufacturer's Name		Emergency Telephone Number	
King Lee Technologies		1-800-424-9300 (Chemtrec)	
Address (Number, Street, City, State and ZIP Code)		Telephone Number for Information	
8949 Kenamar Drive Bldg. 107		(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 - 1995" published by ACGIH. Only the following ingredients have listed occupational exposure values, and can be considered potentially hazardous:

None listed as potentially hazardous.

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

Boiling Point	> 100 <sup>0</sup> C	Specific Gravity (H <sub>2</sub> O=1)	1.04
Vapor Pressure (mm Hg.) (at 20 <sup>0</sup> C)	As water.	Melting Point	NA
Vapor Density (AIR= 1)	As water.	Evaporation Rate (Butyl Acetate= 1)	NA

Solubility in Water

Completely Soluble

Appearance and Odor

Yellow to light brown liquid. Disinfectant odor.

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

Flash Point (Method Used)	(Flammable Limits)	LEL	LEL
Not Flammable.	Not Flammable.	NA	NA

Extinguishing Media

Water, carbon dioxide, dry chemical or foam.

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

None known.

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid None known.
	Stable	X	

Incompatibility (*Materials to Avoid*)

Avoid unintended contact with strong acids.

Hazardous Decomposition or Byproducts

If involved in a fire, oxides of carbon and sulfur may be generated, along with other potentially toxic fumes.

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 permanent impairment of vision, even blindness.

Skin Contact: Prolonged contact may cause mild irritation. Ingestion: No harmful effects reported.

Inhalation: May cause irritation of airways.

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

Signs and Symptoms of Exposure

Irritation of eyes, cut skin, digestive or respiratory tract.

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. 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. Dike far ahead of spill for later recovery or disposal. Notify appropriate agencies. Immediate clean up recommended.

Waste Disposal Method

Spilled materials may be recovered absorbed into an appropriate absorbent material and swept up for disposal by licensed incinerator. Residual spill can be flushed with water.

Precautions to Be Taken in Handling and Storing

Store in cool location away from sunlight. Product may freeze below 0°C, however can be thawed and mixed before using.

Other Precautions

Avoid contact. Wear protective equipment if possible.

**Section VIII - Control Measures**

Respiratory Protection (*Specific Type*)

Under normal conditions of use, respiratory protection not required.

Ventilation	Local Exhaust (Under Normal use) Special ventilation not required.	Special
	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.

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**Section IX - Transportation Information**

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DOT Hazardous Classification -

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

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TDG Canadian Transportation -

Not considered hazardous under Transportation of Dangerous Goods (TDG)

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International Transportation -

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

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**Section X - Ecological Information**

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This liquid cleaner is water soluble to give a mildly alkaline non-toxic solution.

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**Section XI - Regulatory Information**

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This product is certified under ANSA-NSF Standard 60 for the production of drinking water with reverse osmosis membranes as off-line cleaner. Ratings under Hazardous Materials Identification System (H.M.I.S.):

Health=1; F=0; R=0; P=0.

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**Section XII - Other Information**

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None.

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