



## MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC. 20500 Trans Canada Hwy  
Baie d'Urfé, Québec H9X 0A2

**Fluval Lens Cleaning Kit**

**A3969**

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### Section I. Product identification and uses

Product name Lens Cleaning Kit

Chemical formula

Chemical family

Material uses

### Section II. Composition and information on ingredients

Ingredients	Conc. (%)	CAS #	TLV	LD50	LC50
Surface-Active Agent AS(AES)	4%	9004-82-4			
Jasmine Essence	1%	8022-96-6			
Water	95%	7732-18-5			

### Section III. Hazardous ingredients

WHMIS	Classification	Transport of dangerous goods

### Section IV. Physical data

Physical state and appearance/Odour

pH

Percent volatile

Freezing point

Boiling point

Specific gravity

Vapour density

Vapour pressure

Evaporation rate

Solubility Soluble in water difficult

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<b>Section V. Fire and explosion data</b>		
Flammability conditions		
Fire extinguishing procedures	Use agent most appropriate to extinguish surrounding fire. Use carbon dioxide, dry chemical.	
Fire and explosion hazards	Flammable	
Fire degradation products	Carbon Dioxide, Dry Chemical	
Flash point	Flammable limit (%volume)	Auto-ignition temperature
40°C	Minimum	Maximum

<b>Section VI. Reactivity data</b>	
Stability	Stable
Incompatibility	Strong oxidizing agents
Reaction products	
Hazardous decomposition products	

<b>Section VII. Toxicological properties</b>	
<b>Route of Entry</b>	
Effects of acute	
Eye	May cause eye irritation
Skin	May cause skin irritation
Inhalation	May cause irritation of respiratory system
Ingestion	May be vomiting if swallowed
Effects of chronic overexposure	

<b>Section VIII. First aid measures</b>	
Eye contact	Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists.
Skin contact	Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing and shoes before reuse.
Inhalation	Remove victim to a fresh area. Administer artificial respiration if breathing is stopped. If breathing is difficult, give oxygen. Get medical attention
Ingestion	Do not induce vomiting. Call a physician.



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### Section IX. Preventive measures

Protective clothing in case of spill and leak	Safety glasses, protective gloves and garments, eye washer and safety shower if needed.
Spill and leak	Ventilate and evacuate area. Wear appropriate personal protective equipment as specified above. Avoid contacting eyes. Avoid breathing vapour, contacting liquid. Shut off source of the leak only if it is safe to do so. Sweep up and containerize for reclamation or disposal. Collect as much of the spilled material as possible, place the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.
Waste disposal	All disposals must comply with federal, state and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Depart of Transportation regulations may apply for transporting this material when spilled.

### Section X. Handling and Storage

Keep containers closed when not in use. Avoid contacting skin, eyes and clothing. Avoid breathing dust. Wash skin with soap and water after contact. Empty containers may contain product residue. Do not reuse and damage empty container.

Store in a cool, dry and well-ventilated place. Keep away from kindling and direct sun-light. Keep away from oxidizing agents and halogen. Consumption of food and beverage should be avoided in working area. No smoking. Using explosion-proof lamp, ventilation machine. The storage area should have the emergency equipment to handle the leakage case.

### Section XI. Protective measures

Protective clothing	Safety glasses, protective gloves and garments, eye washer and safety shower if needed.
Engineering controls	In a cool, well-ventilated area. Use an approved particulate respirator in a dusty or misty atmosphere.

### Section XII. Disposal considerations

Product recommendation  
Uncleaned packaged recommendation

### Section XIII. Ecological Information

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.



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<b>Section XIV. Other information</b>
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