



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 20500 TRANSCANADA HWY,
BAIE D'URFÉ, QUEBEC, H9X 0A2
CANADA

Laguna Water Conditioner
Liquid Peat
PT876

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Section I. Product identification and uses	
Product name	Laguna Liquid Peat
CAS #	Mixture
Use	Shading compounds for decorative ponds.
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Call your local Poison Control Centre.

Section II. Composition and information on ingredients					
Ingredients	Conc. (%)	CAS #	TLV	LD50	LC50
Potassium hydroxide	5-10	1310-58-3	OSHA (PEL) & ACGIH (TLV): 2mg/m ³	Not available	Not available

Section III. Hazardous ingredients		
WHMIS	Classification	Transport of dangerous goods
Not regulated	Not classified	Not regulated

Section IV. Physical data	
Physical state and appearance/Odour	Dark brown liquid with mild odour.
pH	9.0 - 9.5
Percent volatile	Not available
Freezing point	24.8°F (-2°C)
Boiling point	100°C
Specific gravity	1.040 - 1.044
Vapour density	Not available
Odour threshold	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Solubility	100% soluble in water

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Section V. Fire and explosion data		
Flammability conditions	Non flammable.	
Fire extinguishing procedures	Does not burn. Use extinguishing media appropriate for surrounding fire.	
Fire and explosion hazards	Not applicable	
Fire degradation products	Not applicable	
Flash point	Flammable limit (%volume)	Auto-ignition temperature
Not available	Minimum	Maximum
	Not available	Not available
		Not available

Section VI. Reactivity data	
Instability conditions	Stable. Keep away from heat and contamination.
Incompatible products	Avoid contact with strong acids.
Reactivity conditions	Not applicable
Hazardous decomposition products	Not applicable

Section VII. Toxicological properties	
Routes of entry	Absorbed through inhalation and ingestion.
Effects of acute	Not available
Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause irritation.
Ingestion	May cause irritation or disturbances of gastrointestinal tract. DL ₅₀ (rat) > 5ml/kg
Effects of chronic overexposure	Mild caustic

Section VIII. First aid	
Eye contact	Flush eyes with large quantities of water for at least 15 minutes, alternately lifting each eyelid no sign of product is found.
Skin contact	Wash with plenty of soap and water.
Inhalation	Not available
Ingestion	Get medical attention if large amount swallowed or there is any discomfort. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Do not induce vomiting, unless directed by medical qualified personnel. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce risk of aspiration.



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Section IX. Accidental release measures	
Person-related safety precautions	Wear rubber glove and boots.
Measures for environmental protection	Could be disposed of in municipal sewage system.
Measures for cleaning/collecting	Rinse local spills with plenty of water.

Section X. Handling and storage	
Store away from high temperature. Standard storage. Freezes at approximately 28°F. Does not harm product. Allow to re-melt.	

Section XI. Exposure controls and personal protection	
Protective clothing	Wear rubber glove, boots, safety goggles and use a rubber apron.
Engineering controls	None

Section XII. Disposal considerations	
Product recommendation	Dispose of in accordance with federal, provincial and local regulations.
Unclean packaging recommendation	Empty containers may be recycled or discarded as general trash.

Section XIII. Ecological information	
Not available	

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated October 31 st , 2011
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