



MATERIAL SAFETY DATA SHEET

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

Laguna
Pond Clean Granules
PT-905 PT-906 PT-907

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Section I. Product and Company Identification	
Product name	Laguna Pond Clean Granules
CAS #	Mixture
Use	Clean unsightly pond
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Call your local poison control center

Section II. Hazards Identification	
WHMIS	Classification
Not controlled	Not classified

Section III. Composition and Information on Ingredients			
Ingredients	Conc. (%)	CAS #	EC #
Sodium Percarbonate	30 - 60	15630-89-4	239-707-6

Section IV. First Aid Measures	
Eye contact	Immediately flush with copious quantities of water. Remove contact lenses if present, and continue flushing for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Seek medical attention.
Skin contact	Remove the contaminated clothes and flush with plenty of water and soap. Wash clothing before reuse. Get medical attention if symptoms persist.
Inhalation	Remove victim to fresh air. Get medical attention if symptoms persist
Ingestion	Do not induce vomiting. If conscious, rinse mouth and administer fresh water. Never administrated any liquids to an unconscious or convulsing person. Seek immediate medical attention.

Section V. Fire Fighting Measures
Suitable extinguishing media
Use extinguishing products appropriate for the surrounding fire.
Specific hazards arising from the chemical
Oxidizing substances that cause exothermic reactions with organic material. Product is not flammable and can be quickly diluted with water.
Special protective actions for fire-fighters
Wear adequate personal protection to prevent contact with material or it combustion products. Use self-contained breathing. Water may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.

Section VI. Accidental Release Measures



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Person-related safety precautions	Wear adequate personal protective equipment and clothing.
Measures for environmental protection	Prevent entry into drains, waterways or sewers.
Measures for cleaning/collecting	Remove all sources of ignition and ventilate area. Absorb spill with an inert material such as clay, sand, earth or vermiculite. Place in closed container for disposal.

Section VII. Handling and Storage

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. After handling and before eating, drinking or smoking, wash hands and face thoroughly with soap and water. Keep away from incompatible chemicals. Keep product in its original container. Store away from organic materials in a cool, dry and well-ventilated area. Never return unused product to the original container.

Section VIII. Exposure Controls and Personal Protection

Protective clothing	Apply the appropriate protective measures for safe handling of chemicals. Wear safety glasses with side protection and dust proofed. It is generally recognized that contact lenses should not be worn when working with chemical because contact lenses may contribute to the severity of an eye injury. Use body covering clothing, and protective gloves that are chemical resistant.
Engineering controls	Ventilation - local (mechanical if used indoors on a continuous basis).

Section IX. Physical and Chemical Properties

Appearance (physical state, color, etc.) / Odor	Solid, granular and white.
Odor threshold	None
pH	1% solution: 10.4 - 10.6
Melting point / Freezing point	Data not available
Initial boiling point and boiling range	Data not available
Flash point	Data not available
Evaporation rate	Data not available
Flammability (solid, gas)	Data not available
Upper / Lower flammability limits (% volume)	Data not available
Vapor pressure	Data not available
Vapor density	Data not available
% Volatile	Data not available
Aerosol % volatile (by weight)	Data not available
Bulk density	1.0 - 1.2 g/cm ³
Specific gravity (liquid)	Data not available

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Solubility	140g/l in water @24°
Coefficient of Water/Oil distribution	Data not available
Auto-ignition temperature	Data not available
Decomposition temperature	Data not available
Viscosity	Data not available

Section X. Stability and Reactivity	
Instability conditions	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures, sparks, open flames and all other sources of ignition. Water and moisture.
Materials to avoid	Acids, bases, reducing agents, oxidizing agent and organic matter. Oxidizing agent attack the organic components of these products. As with other organic carbonaceous compounds, these reactions produce heat that if contained in a confined space can cause fire. Hypochlorite, chlorinated isocyanurates, and perborates are examples of oxidizing agents.
Hazardous decomposition products	No uniquely hazardous decomposition products are expected. If the organic portion of the product is burned, as with any nitrogen containing organic material, oxides of nitrogen, carbon dioxides, and water can be produced. Partial combustion may produce, in addition of the above, soot and various oxides of carbon.
Hazardous polymerization	Not available

Section XI. Toxicological Information	
Route of exposure	Conclusion / Remarks
Skin	Contact may cause irritation. Dermal (rat) LD ₅₀ >5,000 mg/kg
Eye	Contact can cause severe irritation, risk of serious eye lesions.
Inhalation	Slight nose and throat irritation Inhalation (rat) LC ₀ 1 hour >4,580 mg/m ³
Ingestion	Severe irritation of the mouth, throat esophagus and stomach. Oral (rat) LD ₅₀ 1,526mg/kg
Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available



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Acute toxicity	No data available
Chronic Overexposure	No data available

Section XII. Ecological Information	
Eco toxicity	Not available
Mobility	Not available
Persistence and Degradability	Not available
Bioaccumulation potential	Not available

Section XIII. Disposal Considerations	
Disposal recommendations	Dispose of in accordance with federal, provincial and local regulations. Do not puncture or incinerate containers, even when empty.
Disposal of damaged packaging	If the container contains residue of a hazardous product, follow all MSDS and label precautions even after container is emptied.
Regulatory disposal information	Data not available

Section XIV. Transport Information	
T.D.G. Classification	Not classified

Section XV. Regulatory Information	
No data available	

Section XVI. Other information	
While the company believes the data set forth herein are accurate as the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration and verification.	

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated: November 25 th , 2014
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