



MATERIAL SAFETY DATA SHEET

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

Ceramic Fluval G-nodes
Fluval
A-414

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Section I. Product identification and uses	
Product name	Ceramic Fluval G-nodes
CAS #	Mixture
Use	Aquarium water filtration
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 #	EINECS #	LD50	LC50

Section III. Hazardous ingredients
Not hazardous

Section IV. Physical data	
Physical state and appearance/Odour	Odourless white ceramic cylinders/nodes
pH	Not applicable
Bulk density	1.05 g/cm ³
Melting point	2200°C
Vapour pressure	Not applicable
Solubility	Insoluble in water

Section V. Fire or explosion risk
Flammability conditions
Not combustible



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Means of extinction			
Not applicable			
Procedures in case of a fire			
Not applicable			
Hazardous combustion materials			
Not applicable			
Flash point	Flammability threshold		Temp auto-ignition
Not applicable	Minimal	Maximal	Not applicable

Section VI. Reactivity data	
Instability conditions	Stable under normal handling and storage conditions.
Incompatible products	Not applicable
Reactivity conditions	Not applicable
Hazardous decomposition products	Not applicable

Section VII. Toxicological properties	
Routes of entry	
Effects of acute	
Eye	May cause mild physical irritation due to abrasive action of dust
Skin	Mild irritation is possible due to abrasive action of dust
Inhalation	Not applicable



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Ingestion	Not applicable
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Effects of chronic overexposure	Not applicable
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Section VIII. First aid

Eye contact	Flush with copious amounts of water. Seek medical attention if irritation occurs.
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Skin contact	Flush with copious amounts of water
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Inhalation	Not applicable
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Ingestion	Not applicable
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Section IX. Accidental release measures

Person-related safety precautions	Not applicable
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Measures for environmental protection	Not applicable
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Measures for cleaning/collecting	Apply normal disposal measures
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Section X. Handling and storage

Not applicable

Section XI. Exposure controls and personal protection

Protective clothing	None
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Engineering controls	None
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Section XII. Disposal considerations	
Product recommendation	Observe local environmental regulations.
Uncleaned packaging recommendation	Not applicable

Section XIII. Ecological information	
Even if the product itself does not represent any potential risks for the environment, it is suggested to avoid dispersion in lakes, streams, ponds or rivers.	

Section XIV. Transportation information	
Not hazardous	

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated October 31, 2010
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