



MATERIAL SAFETY DATA SHEET

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

Fluval
Shrimp Mineral Supplement
A7992 A7993

Page 1 of 3

Section I. Product identification and uses		Section II. Hazardous ingredients	
Product name	Shrimp Mineral Supplement	- Calcium chloride	9,3 %
Chemical formula	Mixture	CAS: 10035-04-8	
Chemical family	Inorganic salts		
Material uses	Aquarium water hardness adjuster.		

Section III. Physical data	
Physical state and appearance/Odour	Clear liquid, odourless.
pH	8.0-8.5
Percent volatile	Not available
Freezing point	Not available
Boiling point	Not available
Specific gravity	1.2-1.3
Vapour density	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Solubility	Soluble in water

Section IV. Fire and explosion data
Not applicable.

Section V. Reactivity data
This is a stable material.



MATERIAL SAFETY DATA SHEET

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

Fluval
Shrimp Mineral Supplement
A7992 A7993

Page 2 of 3

Section VI. Toxicological properties	
Routes of entry	
Effects of acute	Toxic if ingested orally.
Eye	Slightly irritant in case of eye contact.
Skin	Very slightly irritating.
Inhalation	Not available.
Ingestion	Ingestion may result in cardiovascular and gastrointestinal complication, nausea and vomiting, cardiac arhythmias, irregularities and blood pressure changes.
Effects of chronic overexposure	Not available.

Section VII. First aid measures	
Eye contact	Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician if irritation persists.
Skin contact	Wash with soap and water.
Inhalation	Not available.
Ingestion	Induce vomiting. Do not give anything to an unconscious person or a convulsing victim. Obtain medical attention immediately.



MATERIAL SAFETY DATA SHEET

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

Fluval
Shrimp Mineral Supplement
A7992 A7993

Page 3 of 3

Section VIII. Preventive measures	
Protective clothing in case of spill and leak	Use protective eye wear, rubber boots and gloves.
Spill and leak	Rinse area of contamination with water.
Waste disposal	Flush to any disposal system.
Storage and handling	Does not require special storage nor handling.

Section IX. Protective measures	
Protective clothing	None required.
Engineering controls	None.

Section X. Other information	
Special precautions or comments	None.

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated : October 31 st , 2008
--	---