



## MATERIAL SAFETY DATA SHEET

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

Fluval Sea

Trace Element Supplement

A8269, A8270

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### Section I. Product identification and uses

Product name	Fluval Trace Element Supplement
CAS #	Mixture
Use	To replenish trace elements in synthetic or reconstituted marine water.
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
Not Applicable	NA	NA	NA	NA	NA

### Section III. Hazardous ingredients

WHMIS	Classification	Transport of dangerous goods
Not regulated	Not applicable	Not regulated

### Section IV. Physical data

Physical state and appearance/Odour	Clear liquid / Odourless
pH	6.5 – 7.5
Percent volatile	Not available
Freezing point	Not available
Boiling point	Not available
Specific gravity	1.12
Vapour density	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Solubility	Soluble

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<b>Section V. Fire and explosion data</b>			
Flammability conditions	Non flammable.		
Fire extinguishing procedures	Does not burn. Use extinguishing media appropriate for surrounding fire. Fire-fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.		
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	

<b>Section VI. Reactivity data</b>	
Stability	Stable under normal conditions. Avoid high temperatures and contamination.
Incompatibility	Not available
Reaction products	Product does not polymerize.
Hazardous decomposition products	Information not available.

<b>Section VII. Toxicological properties</b>	
<b>Route of Entry</b>	
Effects of acute	Not available
Eye	Non-irritating.
Skin	Non-irritating.
Inhalation	Non available.
Ingestion	Non-Toxic.
Effects of chronic overexposure	No chronic health effects are known.

<b>Section VIII. First aid measures</b>	
Eye contact	Flush eye with large amount of running water. Get medical attention if irritation develops.
Skin contact	Wash with soap and water.
Inhalation	In case of large spill, remove from dusty area to fresh air. If not breathing give artificial respiration,
Ingestion	Contact a physician immediately.



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### Section IX. Preventive measures

Protective clothing in case of spill and leak	Wear rubber gloves and boots. Safety glasses are recommended to reduce skin contact.
Spill and leak	Spills should be swept up and placed in appropriate container for disposal. Clean up promptly by scoop or vacuum. Avoid creating dusty conditions.
Waste disposal	Dispose according to local and regional authority requirements.

### Section X. Handling and Storage

Store dry at ambient temperature away from food and beverages. Avoid contact with eyes and skin. Wash thoroughly after handling.

### Section XI. Protective measures

Protective clothing	Safety glasses are recommended and rubber, cloth or plastic gloves are recommended to reduce skin contact.
Engineering controls	None

### Section XII. Disposal considerations

Product recommendation	Waste disposal should be in accordance with existing federal, state, provincial, and/or local environmental control laws.
Unclean packaged recommendation	Recondition or dispose of empty container in accordance with governmental regulation.

### Section XIII. Ecological Information

Not available

### Section XIV. Other information

Special precaution or comments	Wash hands and face before eating, drinking or using tobacco products.
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Validated July 31<sup>st</sup>, 2011

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