



MATERIAL SAFETY DATA SHEET

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

Fluval Technical
Phosphate Remover
A1500

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Section I. Product identification and uses		Section II. Hazardous ingredients
Product name	Fluval Phosphate Remover	This product contains no hazardous ingredients.
Chemical formula	FeOOH	
Chemical family	Iron Oxide Hydroxide	
Material uses	To remove phosphate in water	

Section III. Physical data	
Physical state and appearance/Odour	Solid; granular; yellow; odourless
pH	3.5 to 7.5 at 50g/L water
Percent volatile	Not applicable
Freezing point	Not applicable
Boiling point	Not applicable
Specific gravity	Not applicable
Vapour density	Not applicable
Vapour pressure	Not applicable
Evaporation rate	Not applicable
Solubility	Insoluble in water

Section IV. Fire and explosion data
Material is not combustible. Use extinguishing media suitable for other combustible materials in the area.

Section V. Reactivity data
This is a stable material.



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Section VI. Toxicological properties	
Routes of entry	
Effects of acute	Not available
Eye	Non-irritating
Skin	Non-irritating
Inhalation	Not available
Ingestion	Non-toxic
Effects of chronic overexposure	No chronic health effects are known from repeated exposure to iron oxide pigments.

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	In case of large spill, remove from dusty area to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion	Immediately contact a physician.



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Section VIII. Preventive measures	
Protective clothing in case of spill and leak	Safety glasses are recommended and rubber, cloth or plastic gloves are recommended to reduce skin contact.
Spill and leak	Vaccum or scoop material into an appropriately marked container for reclamation or disposal. Avoid excessive generation of dust. If dust is generated, use appropriate respiratory protection.
Waste disposal	Can be land filled in accordance with federal, state and local environmental control regulations.
Storage and handling	Store dry at ambient temperature away from food and beverages. Avoid contact with eyes and skin. Wash thoroughly after handling.

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

Section X. Other information	
Special precautions or comments	Wash hands and face before eating, drinking or using tobacco products.

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