



MATERIAL SAFETY DATA SHEET

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

Nutrafin Water Conditioner
ChlorXchange
A7761 A7763

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Section I. Product identification and uses		Section II. Hazardous ingredients
Product name	ChlorXchange	- Ethylene Diaminetetraacetic acid 5 % C.A.S.: 60-00-4 - Potassium Hydroxide 4 % C.A.S.: 1310-58-3.
Chemical formula	Mixture	
Chemical family	Mixture	
Material uses	Concentrated water conditioner.	

Section III. Physical data	
Physical state and appearance/Odour	Clear liquid, odourless.
pH	9.3-9.7
Percent volatile	Not available
Freezing point	Not available
Boiling point	Not available
Specific gravity	1.25
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
Avoid contact with oxidizing materials and aluminium.



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Section VI. Toxicological properties

Routes of entry

Effects of acute	Orally toxic, slight dermal toxicity..
Eye	May cause irritation with contact.
Skin	May be irritating with prolonged contact.
Inhalation	Not available.
Ingestion	Will cause irritation of the intestinal lining and other gastrointestinal disturbances. Specifics not available..
Effects of chronic overexposure	Not available.

Section VII. First aid measures

Eye contact	Flush eyes with copious amounts of running water for 15 minutes minimum. Then contact a physician if irritation.
Skin contact	Wash off immediately with lots of water.
Inhalation	Not available.
Ingestion	Obtain prompt medical attention.



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Section VIII. Preventive measures	
Protective clothing in case of spill and leak	Wear rubber gloves and boots.
Spill and leak	Contain and absorb spills or leak with suitable absorbent material. Place solid residue into drums or other appropriate containers for off-site disposal.
Waste disposal	Dispose waste material in municipal or industrial landfill as allowed by regulator authorities. Flush contaminated area with soap and water and drain to industrial wastewater treatment plant.
Storage and handling	Standard storage.

Section IX. Protective measures	
Protective clothing	Not applicable
Engineering controls	Not applicable

Section X. Other information	
Special precautions or comments	None.

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