



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 3225 SARTELON,
MONTREAL, QUEBEC, H4R 1E8

ChlorXchange
A-7761 / A-7763

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/ Odor	Clear transparent liquid / No odor	
pH	9.3 – 9.7	
Percent volatile	Not available	
Freezing point	Not available	
Boiling point	Not available	
Specific gravity	1,25	
Vapor density	Not available	
Vapor pressure	Not available	
Evaporation rate	Not available	
Solubility	100 % soluble in water	
Section IV. Fire and explosion data		
None		
Section V. Reactivity data		
Avoid contact with oxidizing materials and aluminium.		

Section VI. Toxicological properties	
Routes of entry	
Effects of acute exposure	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.

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) 332-0914	Validated January 21, 2005	MSDS A7761 A7763
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