



MATERIAL SAFETY DATA SHEET

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

Nutrafin Water Conditioner
Cycle
A7590 A7595 A7600 A7610 A7612 A7614

Section I. Product identification and uses	Section II. Hazardous ingredients
Product name Cycle	This product contains no hazardous ingredients.
Chemical formula Mixture	
Chemical family Bacterial suspension	
Material uses Nitrifying bacteria	

Section III. Physical data	
Physical state and appearance/Odour	Turbid suspension with slight fermentation odour
pH	7.0-8.0
Percent volatile	Not applicable
Freezing point	32° F (0°C)
Boiling point	As water
Specific gravity	1.003
Vapour density	As water
Vapour pressure	As water
Evaporation rate	As water
Solubility	Not applicable

Section IV. Fire and explosion data
Not applicable.

Section V. Reactivity data
This is a stable material. Excess air contact will shorten shelf life of bacteria. Excess temperature over 50 C or freezing will affect product activity.



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Section VI. Toxicological properties	
Routes of entry	
Effects of acute	Not available
Eye	Not available
Skin	Not available
Inhalation	May cause slight diarrhea. Contact with open wounds not recommended.
Ingestion	Not available
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 applicable
Ingestion	Drink a few glasses of water.



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Section VIII. Preventive measures

Protective clothing in case of spill and leak	Wear impervious protective clothing
Spill and leak	Wash with water. Can be flushed into sewer or water courses.
Waste disposal	Flush to any disposal system.
Storage and handling	Avoid freezing. Store away from high temperature.

Section IX. Protective measures

Protective clothing	Chemical resistant gloves. Wear impervious protective clothing. Chemical safety goggles.
Engineering controls	None

Section X. Other information

Special precautions or comments	Wash hands and face before eating, drinking or using tobacco products. For shipping, this product is not regulated by TDG.
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Prepared by Rolf C. Hagen Inc.
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