



MATERIAL SAFETY DATA SHEET

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

Nutrafin Water Conditioner
Plant Gro NPK
A7683 A7684 A7685

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Section I. Product identification and uses		Section II. Hazardous ingredients
Product name	Plant Gro NPK	Potassium Nitrate 4.1 % C.A.S. 7757-79-1
Chemical formula	Mixture	
Chemical family	Mixture	
Material uses	Liquid fertilizer	

Section III. Physical data	
Physical state and appearance/Odour	Greenish liquid
pH	9.0-9.3
Percent volatile	Not applicable
Freezing point	32° F (0°C)
Boiling point	Not applicable
Specific gravity	1.035
Vapour density	Not applicable
Vapour pressure	Not applicable
Evaporation rate	Not available
Solubility	100% soluble in water

Section IV. Fire and explosion data
Not applicable.

Section V. Reactivity data
This is a stable material.



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Section VI. Toxicological properties

Routes of entry

Effects of acute	Oral toxicity
Eye	Slightly irritant in case of eye contact.
Skin	May cause irritation with prolonged contact
Inhalation	Not available
Ingestion	This product is moderately toxic to humans.
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 available
Ingestion	Induce vomiting of conscious victim immediately by giving two glasses of water and pressing finger down throat, while keeping victim's head below hips to prevent aspiration of liquid into lungs. Contact a physician immediately.



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Section VIII. Preventive measures	
Protective clothing in case of spill and leak	Wear rubber gloves and boots
Spill and leak	Clean with water
Waste disposal	Can be disposed of directly into any disposal system available
Storage and handling	Standard storage

Section IX. Protective measures	
Protective clothing	Not applicable
Engineering controls	None

Section X. Other information	
Special precautions or comments	Not applicable.

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