

**Material Safety Data Sheet**  
**Product Name:** Nutri+ Grow A

**General Information**

Item Name: Nutri+ Grow A.  
Company's Name: Flora Corp.  
Company's Address: 675, Montée St-François, Laval, Québec, Canada H3C 2S8.  
Company's Phone Number: 450-664-4844.  
Date MSDS prepared: 28<sup>th</sup> March 2012.  
Safety Data Review Date: 28<sup>th</sup> March 2012.

**I. Product Identification**

Common Name: Nutri+ Grow A.  
Chemical Name: Specialized Fertilizer.  
Chemical Family: Mixed Fertilizer Formula.  
Physical State: Liquid.  
Hazardous Class - IATA: Not Hazardous.  
Hazard Class - TDG: Not Hazardous.  
HMIS Rating: Not Hazardous.  
NFPA: Health = 1; Fire = 0; Reactivity = 0; Special = 0.

**II. Hazardous Ingredients**

<i>Ingredient(s)</i>	<i>Percent</i>	<i>CAS Number</i>
Nitric Acid	<1	7697-37-2
Potassium Hydroxide	<1	1310-58-3

**Non Hazardous Ingredients**

<i>Ingredient(s)</i>	<i>Percent</i>	<i>CAS Number</i>
Potassium Nitrate	3-7	7757-79-1
Ammonium Nitrate	1-5	6484-52-2
Calcium Nitrate	10-30	15245-12-2
Magnesium Nitrate	1-5	13446-18-9

**III. Physical/Chemical Characteristics**

Boiling point (°C): N/D\*\*  
Freezing point (°C): N/D

Vapour pressure (mm Hg):	N/D
Vapour pressure (Air=1):	>1
% volatiles by weight:	N/D
Physical appearance:	Green-Yellowish
Specific gravity (25°C):	N/D
pH (undiluted solution):	5.0
Bulk density (g/ml):	1.20
Solubility in water:	100%
Evaporation rate (Ether=1):	N/D
Odour:	Odorless
Hydro reactivity:	Will Not Occur

\*\*N/D Not Determined

#### IV. Health Hazard Data

Carcinogenicity:	None of the ingredients are listed.
Primary route of entry:	Skin contact, eye contact, inhalation (if in mist form).
Symptoms of overexposure:	None known
Conditions aggravated by exposure:	None known
Irritancy of material:	None known
Sensitization to material:	No LD <sub>50</sub> (oral, dermal or inhalation) have been performed. Acidity may cause dermal effects to persons with sensitive skin.
Teratogenicity:	None known
Mutagenicity:	None known
Reproductive toxicity:	None known
Synergistic substances:	None known

#### V. Health Hazard (continued)

Emergency and first aid procedures:

Eyes:	Flush with water for 15 minutes. Get medical attention if needed.
Skin:	Skin should be flushed with water. Get medical attention if reddening occurs.
Inhalation:	Remove to fresh air. Get medical attention if needed.
Ingestion:	Give water to dilute and get medical attention if needed. Never give anything by mouth to an unconscious or convulsing person.

#### VI. Fire and Explosion Hazard Data

Flash point (method used):	Non Flammable
Auto ignition temperature:	N/A
Flammable limits in air:	N/A
Extinguishing media:	Non Flammable
Special firefighting procedures:	None Needed

Unusual fire and explosion hazard: NONE

### VII. Spill or Leak Procedures

Spill response: Mechanically collect small spills using paper towels or mop.  
Large spills should be collected with wet-vacuum pump or siphoned into suitable containers.

Neutralizing chemicals: N/A.

Waste disposal methods: organic soil amendment or flush to sewer following applicable regulations.

### VIII. Reactivity Data

Stability: Stable under normal storage and handling conditions.

Conditions to avoid: Heat, as it may cause evaporation then precipitation.

Incompatibility: None.

Materials to avoid: None known.

Hazardous polymerization: None.

Conditions to avoid: Heat, as it may cause precipitation by evaporation.

Hazardous decomposition reactions: At extreme temperatures, CO, and harmful oxides may be evolved.

### IX. Control Measures

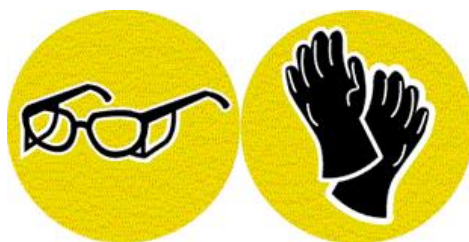
Ventilation requirements: Adequate ventilation for comfort recommended.

Respiratory protection: Use personal protection equipment with MASHA/NIOSH approval numbers. Wash hands thoroughly after use.

Protective gloves: Gloves recommended for handling and prolonged exposure.

Eye protection: Goggles recommended for prolonged exposure.

Other protective equipment: Clothing which contacts skin must be changed daily.



### X. Special precautions

Repair/maintenance of contaminated equipment: None required.

Hygiene and handling and storage: Personal hygiene is strongly recommended so all clothing items are changed daily.

Other: Containers should not be stored in extreme temperatures to minimize product expansion and possible leakage. All lids should have seals to avoid leaks.

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