

## MATERIAL SAFETY DATA SHEET

### SECTION 1 — PRODUCT IDENTIFICATION

**Product identifier:** Alexin Plus

**Supplier name and address:**

**NutriAg Ltd.**

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

**Emergency Telephone #:** 613-996-6666 (Canutec)

**Product use:** A Potassium, Calcium and

Magnesium True Solution with PAC\*Chelation Technology.

**Manufacturer's name and address:**

Refer to Supplier

**WHMIS information:**

### SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

**Component:**

1. Complex Organic Potassium, Magnesium, Calcium Salt
2. Inerts

**% (weight)**

57 %  
43 %

### SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

% Soluble Potash (K <sub>2</sub> O)	:	8.0%
% Calcium (Ca)	:	2.4%
% Magnesium (Mg)	:	0.8%
Appearance	:	Dark brown liquid
Odour	:	Fruity
Specific Gravity	:	1.24
Water Solubility	:	Completely soluble.
pH (1% w/v Solution)	:	6.55

### SECTION 4 — FIRE AND EXPLOSION DATA

Flash Point And Method	:	Non flammable
Extinguishing Media	:	Dry powder, carbon dioxide, water, foam
Unusual Fire Hazards	:	None known
Unusual Explosion Hazards	:	None known
Special Fire Fighting	:	
Procedures And Precautions	:	None

### SECTION 5 — REACTIVITY AND STABILITY DATA

Stability	:	Stable in normal use and storage. Store in sealed containers.
Conditions to Avoid	:	None known
Hazardous Polymerization	:	Will not occur
Hazardous Decomposition	:	
Products	:	None known
Incompatibility	:	Lime Sulphur and Bordeaux Mixture
(Materials to avoid)	:	Keep away from strong oxidizing agents and acids.

### SECTION 6 — TOXICOLOGICAL INFORMATION

**Routes of exposure:** Skin contact, eye contact, inhalation and ingestion.

Eye Contact	:	Mild eye irritant.
Skin Contact	:	Mild skin irritant.
Inhalation	:	Low toxicity. Not usually a problem.
Ingestion	:	Low toxicity. Treat symptomatically.

MSDS Preparation Date: July 13, 2011

**SECTION 7— FIRST AID MEASURES**

- Inhalation:** If breathing is difficult, remove person to fresh air. If breathing stops, provide rescue breathing and obtain medical attention immediately.
- Skin contact:** Wash affected area with soap and water, while removing contaminated clothing. Launder clothing before re-use. If irritation persists, seek medical attention.
- Eye contact:** Immediately flush eyes with running water for at least 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** If swallowed, induce vomiting. Obtain medical attention immediately. Never give anything by mouth to an unconscious person.

**SECTION 8 — PREVENTATIVE MEASURES**

- Spill or Leak Procedures:** Soak up on dust-free sawdust and place in a marked container Wash down area with water.
- Waste Disposal:** Material that cannot be used or chemically reprocessed and empty containers should be disposed of in accordance with all applicable laws and regulations.

**\*\*\*PROTECTIVE EQUIPMENT\*\*\***

- Ventilation and engineering controls:** Use with adequate ventilation.
- Respiratory protection:** Use NIOSH approved respirators.
- Protective gloves:** Wear rubber gloves impervious to the material.
- Eye protection:** Chemical goggles, to prevent liquid splashes from entering the eyes.
- Other protective equipment:** Wear chemically resistant overalls and impervious boots to prevent skin contact. A safety shower and eyewash station should be made available in the immediate working area.

**\*\*\*STORAGE & HANDLING\*\*\*****Handling and Storing**

- Precautions:** Store in Original containers. Store in a cool, dry, well-ventilated area. Shake well before use. Protect from freezing. Avoid contamination of food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

**Special Shipping Information:**

Transportation of Dangerous Goods (TDG) information: not regulated for transport

*Shipping Description:* liquid micronutrient fertilizer.**SECTION 9 — PREPARATION INFORMATION**

- Prepared by:** NutriAg Ltd.
- Telephone number:** 416-636-1555
- Preparation date:** July 13, 2011
- Updated:** December 14, 2011 section 8.

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