

## MATERIAL SAFETY DATA SHEET

### SECTION 1 — PRODUCT IDENTIFICATION

**Product identifier:** **CalciMax**

**Supplier name and address:**

**NutriAg Ltd.**

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

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

**Email:** mail@Nutriag.com

**Product use:** Liquid Micronutrient Fertilizer  
containing Calcium

**Manufacturer's name and address:**

Refer to Supplier

**WHMIS information:**

### SECTION 2 — HAZARDS IDENTIFICATION

**Physical/chemical hazards** : Not applicable.

**Human health hazards** : Harmful in contact with skin and if swallowed. Causes burns.

**Effects and symptoms**

**Inhalation:** Not considered to be toxic for humans.

**Ingestion:** Hazardous in case of ingestion.

**Eye Contact:** Hazardous in case of eye contact

**Aggravating conditions:** Repeated or prolonged exposure is not known to aggravate medical condition

### SECTION 3 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Component:</u>	<u>% (weight)</u>
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Proprietary formulation of a liquid Calcium fertilizer	100%
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### SECTION 4 — 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 for at least 15 minutes, while removing contaminated clothing. Launder clothing before re-use. If irritation persists, seek medical attention.

**Eye contact:** Check for and remove any contact lenses. Immediately flush affected eyes with running water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** When ingested, induce vomiting and seek medical advice. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

### SECTION 5 — FIRE-FIGHTING MEASURES

**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 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Splash goggles. Full suit. Vapour respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

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**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.**SECTION 7 ----- HANDLING AND STORAGE****Handling and Storing****Precautions:**

Store in a cool, dry, well-ventilated area. Shake well before use. Keep from freezing. Wear rubber or impervious gloves when handling product. Wear MSHA/NIOSH approved mask, goggles, standard work gear (protective clothing) when handling the product. Avoid contamination of food, feed, domestic or irrigation water supplies, lakes, streams and ponds. Three year shelf life.

**Storage**

: Keep container tightly closed. Keep container in a cool, well-ventilated area.

**Packaging materials****Recommended use**

: Use original containers

**SECTION 8 — EXPOSURE CONTROL/PERSONAL PROTECTION****Engineering measures:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.**Hygiene measures:** Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.**Occupational Exposure Limits:**Boric Acid **ACGIH (United States, 1997)**. TWA: 1.5 mg/m<sup>3</sup> Form: Dust**Personal protective equipment****Respiratory system:** Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.**Skin and body:** Lab coat.**Hands:** Gloves.**Eyes:** Splash goggles.**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

<b>% Calcium (Ca)</b>	:	8.0%
<b>% Boron (B)</b>	:	0.5%
<b>Appearance</b>	:	Dark brown/black liquid
<b>Odour</b>	:	Fruity
<b>Specific Gravity</b>	:	1.23 – 1.25
<b>Water Solubility</b>	:	Completely soluble.
<b>pH (1% w/v Solution)</b>	:	8.66

**SECTION 10 — STABILITY AND REACTIVITY****Stability:** Stable under normal storage conditions. 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 11 ----- 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.**SECTION 12 ----- ECOLOGICAL INFORMATION****Ecotoxicity:** Not available**Mobility:** Not available**Persistence and degradability:** Not available**Bioaccumulative potential:** Not available**Other adverse effects:** Not available**SECTION 13 ----- DISPOSABLE CONSIDERATIONS****Methods of disposal:** Make the container unsuitable for further use. Dispose of the container in accordance with federal, state, provincial and local environmental control regulations.**Residues:** Contaminated packaging**SECTION 14 ----- TRANSPORT INFORMATION****International transport regulations****Land – Road/Railway****Packing Group** :**Sea****Packing Group** :**Air****Inland waterways****Packing Group** :**SECTION 15 ----- REGULATORY INFORMATION****EU Regulations****Hazard symbol (s):****Classification:****SECTION 16 ----- OTHER INFORMATION****Risk Phrases:** R21/22-Harmful in contact with skin and if swallowed. R34- Causes burns.

R36/38 Irritating to eyes and skin

**Safety Phrases:** S1/2 – Keep locked up and out of reach of children. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).**Prepared by:** NutriAg Ltd.**Telephone number:** 416-636-1555**Preparation date:** June 14, 2011**Re-issue date:** March 12, 2014

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