

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: **CalciMax**

Product use: Liquid Micronutrient Fertilizer containing Calcium

Supplier name and address:

NutriAg Ltd.

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

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

Email: mail@Nutriag.com

SECTION 2 — HAZARDS IDENTIFICATION

Physical/chemical hazards : Not applicable.
Human health hazards : Harmful in contact with skin and if swallowed.

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>
Proprietary formulation of a liquid Calcium fertilizer	100%

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, do not 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.

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 standard work gear (protective clothing) when handling the product (see section 8).
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 vapours 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.

Personal protective equipment

Engineering Controls

Use with adequate ventilation.

Eye/Face Protection

Chemical goggles, to prevent liquid splashes from entering the eyes.

Skin Protection

None required

Respiratory Protection

None required

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown/black liquid

Odour: Fruity

Specific Gravity: 1.23 – 1.25

Water Solubility: Completely soluble.

pH (1% w/v Solution): 8.66

Odour Threshold: Not available

Melting poing/freezing point: Not available

Initial boiling point and boiling range: Not available.

Flash point: Not applicable

Evaporation rate: Not available

Flammability (solid, gas): Not flammable.

Upper/lower flammability or explosive limits: Not applicable

Vapour pressure: Not known.

Vapour density: Not known:

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Re-issue date: March 12, 2014

Partition coefficient: n-octanol/water: Not known.**Auto-ignition temperature:** Not available**Decomposition temperature:** Not available**Viscosity:** Not available**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**Carcinogenicity Data:** Not known**Reproductive Data:** Not known**Mutagenicity Data:** Not known**Teratogenicity:** Not known**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****Special Shipping Information****DOT** Not Regulated For Transport**TDG** Not Regulated For Transport**IMDG** Not Regulated For Transport**IATA** Not Regulated For Transport**Shipping Description:** Liquid Micronutrient Fertilizer**SECTION 15 ----- REGULATORY INFORMATION****EU Regulations****Hazard symbol (s):**

Classification:**SECTION 16 ----- OTHER INFORMATION****Risk Phrases:**

R36/38 Irritating to eyes and skin

Risk Phrases:

R36/38 Mild eye and skin irritant.

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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