

MSDS Preparation Date: October 21, 2009

MATERIAL SAFETY DATA SHEET**SECTION 1 — PRODUCT IDENTIFICATION****Product identifier:** MangaMax**Supplier name and address:****NutriAg Ltd.**

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

Emergency Telephone #: 613-996-6666 (Canutec)**Product use:** Liquid Micronutrient Fertilizer
containing manganese.**Manufacturer's name and address:**

Refer to Supplier

WHMIS information:**SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS**

<u>Component:</u>	<u>% (weight)</u>
Proprietary formulation of a liquid Manganese fertilizer	100%

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

% Manganese (Mn)	5.5%
Appearance:	Light Brown liquid.
Odour:	Fruity
Specific Gravity:	1.21
Water Solubility:	Completely soluble.
pH (1% w/v solution):	5.4

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.

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.

MSDS Preparation Date: October 21, 2009

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 a cool, dry, well-ventilated area. Protect from freezing. Avoid contamination of food, feed, domestic or irrigation water supplies, lakes, streams and ponds. Three year shelf life.

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: October 21, 2009

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