

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: **ProBor-8**

Product use: Water soluble Boron Fertilizer

Supplier name and address:

NutriAg Ltd.

39 Gail Grove
Toronto, Ontario, Canada
M9M 1M5

Manufacturer's name and address:

Refer to Supplier

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

WHMIS information: Class D, Div.2A

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Component:

% (weight)

Proprietary formulation of liquid polyborate solution.

100%

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

% Boron: 8.1%
Appearance: Dark liquid.
Odour: Fruity Odour.
Boiling Point: Not available
Water Solubility: Miscible
pH (1% w/v solution): 8.64
Specific Gravity: 1.27 - 1.28

SECTION 4 — FIRE AND EXPLOSION DATA

Flash Point and Method: N/A
Flammable Limits / % Volume in Air: N/N
Extinguishing Media: Non-combustible media. Dry chemical, foam, water, carbon dioxide.
Special Fire Fighting Procedures and Precautions: Full protective clothing
Unusual Fire and Explosion Hazards: None

SECTION 5 — REACTIVITY AND STABILITY DATA

Stability: Stable.
Conditions to Avoid: Excessive heat.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Not known. Oxides of nitrogen and other unknown hazardous materials may be formed in a fire situation.
Incompatibility (Materials to avoid): Strong oxidising agents, acids.

SECTION 6 — TOXICOLOGICAL INFORMATION

Routes of Entry: Skin and eye contact, acute inhalation and ingestion.
Effects of Overexposure: Routes of Entry: ingestions, inhalation, eyes and skin contact. Most likely Route of Entry: Dermal. May be harmful if swallowed or inhaled; irritation of eyes, nasal passages, throat and skin may become severe if exposure is prolonged or repeated. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis or other skin reactions.
Exposure Limits: None known.
Irritancy of Product: Eyes, nasal passages, throat and skin.

MSDS Preparation Date: 16 April 2009

Re-issue date: November 1, 2011

Sensitization of Material: None known. Preexisting skin or respiratory disorders may be aggravated by excessive exposure to this material.

Carcinogenicity: Not known. None of the components in this product is listed by IARC, NTP or OSHA as a potential carcinogen.

SECTION 7— FIRST AID MEASURES

If on Skin: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

If in Eyes: Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. Get medical attention.

Ingestion: Drink 1-2 glasses of water. DO NOT induce vomiting. Keep head lower than chest to avoid aspiration into lungs. Call physician immediately or contact a poison control group.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen; if breathing stops administer artificial respiration. Get medical attention immediately.

SECTION 8 — PREVENTATIVE MEASURES

Spill or Leak Procedures: Soak up on dust free sawdust and place in container for disposal.

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

Respiratory Protection: Wear MSHA/NIOSH approved mask, if conditions warrant.

Eyes: Goggles or Face Shield.

Gloves: Rubber or impervious gloves recommended.

Protective Clothing: Clothing consistent with good handling practice of pesticides and agricultural products.

Additional Protective Measures: Work in well ventilated area.

STORAGE & HANDLING

Handling and Storing

Precautions: Protect from freezing. Do not contaminate water, food or feed by storage or disposal. 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: 16 April 2009

Re-issue date: November 1, 2011

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