

BB5

Preparation Date: August 24, 2011

Re-issue Date: April 30, 2014

## SAFETY DATA SHEET

### SECTION 1 — PRODUCT IDENTIFICATION

**Product identifier: BB5**

**Product use:** Acidifier; buffer.

**Supplier name and address:**

**Manufacturer's name and address:**

**NutriAg Ltd.**

Refer to Supplier

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

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

### SECTION 2 — HAZARDS IDENTIFICATION

#### **Primary Routes(s) Of Entry**

Skin contact, eye contact, inhalation and ingestion

#### **Eye Hazards**

Direct eye contact may cause irritation.

#### **Skin Hazards**

Skin contact may cause irritation.

#### **Ingestion Hazards**

Ingestion may cause irritation.

#### **Inhalation Hazards**

May cause irritation to the nose, throat and respiratory tract.

#### **Chronic/Carcinogenicity Effects**

Effects of long-term (chronic) exposure: Prolonged or repeated skin exposure to low concentrations may cause drying and cracking of the skin.

Carcinogenicity: None of the ingredients are classified as carcinogens by IARC or ACGIH.

#### **Teratogenicity (Birth Defects)**

None Known

#### **Reproductive Effects**

None Known

#### **Mutagenicity (Genetic Effect)**

None Known

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### SECTION 3 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENT

#### **Ingredient Name - (CAS Number) - %**

Chemical Composition Proprietary (Not Established)

### SECTION 4 — FIRST AID MEASURES

#### **Eye**

Flush affected eyes with running water for 15 minutes. Obtain medical attention immediately.

#### **Skin**

Immediately flush affected skin areas with soap and water for 15 minutes, while removing contaminated clothing. Obtain medical attention immediately. Launder clothing before re-use.

#### **Ingestion**

If swallowed, do NOT induce vomiting. Have victim drink one to two glasses of water to dilute material in the stomach. If milk is available it may be given after water. Obtain medical attention immediately. Never give anything by mouth to an unconscious person.

#### **Inhalation**

Immediately remove person to fresh air. If breathing stops, provide rescue breathing. If breathing is difficult, give oxygen. Obtain medical attention immediately.

### SECTION 5 — FIRE-FIGHTING MEASURES

Flash Point Method: N/Ap

Auto ignition Point: N/Av °C

Flammability Class: Non Combustible

Lower Explosive Limit: N/Ap

Upper Explosive Limit: N/Ap

#### **Fire And Explosion Hazards**

Product containers may build-up pressure during a fire and explode.

#### **Extinguishing Media**

Use media suitable for surrounding fire

#### **Fire Fighting Instructions**

Firefighters should wear proper chemically resistant equipment and self-contained breathing apparatus operated in positive pressure mode. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment exposed to heat and flame.

Hazardous combustion products: Phosphorous oxides, carbon oxides

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#### **SECTION 6 — ACCIDENTAL RELEASE MEASURES**

Spill, leak or release: Restrict access to area until completion of clean up. All persons dealing with clean up should wear the appropriate protective equipment including proper respiratory protection. Keep all other personnel away from the spill/release. Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. Eliminate all sources of heat and flame. Ventilate area of release. Stop leak if you can do so without risk. Contain and absorb with inert absorbent material, then place absorbent material into a suitable container for later disposal (see below). Do not use metal containers. Flush spill area with water. Do not flush to sewer. Notify the appropriate authorities as required.

#### **SECTION 7— HANDLING AND STORAGE**

##### **Handling And Storage Precautions**

**Handling:** Use in a well-ventilated area. Do not wear contact lenses while handling this material. Wash thoroughly after handling. Keep away from extreme heat and flame. Keep away from metals and incompatibles. Use caution when opening containers. Keep container tightly closed when not in use. Shake well before use.

**Storage:** Store in a cool, dry, well-ventilated area away from incompatibles, heat and flame. Store below 40 degrees centigrade (104°F) otherwise decomposition of the product can occur. Keep out of direct sunlight. Protect from damage. Keep from freezing.

#### **SECTION 8 — EXPOSURE CONTROL/PERSONAL PROTECTION**

##### **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

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

### **Appearance**

Physical form, colour and odour: Red liquid, no odour.

### **Odour**

None

### **Odour Threshold**

Not available

Chemical Type: Mixture

Physical State: Liquid

Melting Point: N/Av °C

Boiling Point: N/Av °C

Specific Gravity: 1.20-1.22

Percent VOCs: N/Av

Vapour Pressure: N/Av

Vapour Density: N/Av

pH Factor: 1.6-3.6

Solubility: 100% in water

Viscosity: N/Av

Evaporation Rate: N/Av

## SECTION 10 — STABILITY AND REACTIVITY

Stability: Stable under the recommended storage and handling conditions

Hazardous Polymerization: Will not occur

### **Conditions To Avoid (Stability)**

Extreme heat and open flame

### **Incompatible Materials**

Metals, strong caustics, strong oxidizing agents, reducing agents

### **Hazardous Decomposition Products**

None Known

Stable under the recommended storage and handling conditions prescribed. Product may form flammable hydrogen gas on contact with metals. Product may corrode metals. Hazardous polymerization will not occur.

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## SECTION 11 — TOXICOLOGICAL INFORMATION

Toxicological data:

Acute Oral LD50: > 5 000 mg/kg

(Rat) Non-acutely toxic. Guidelines: OECD 401, FIFRA.

Acute Dermal LD50: > 2 000 mg/kg

(Rabbit) Not toxic. Guidelines: OECD 402, FIFRA.

Acute Eye Irritation: Strong irritant.

(Rabbit) Guideline: OECD 405

Dermal Irritation: Non-to very mild irritant.

(Rabbit) Guideline: OECD 404

Skin Sensitization: Non-sensitizing.

(Guinea pigs) Guideline: OECD 476, FIFRA

## 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

No Data Available...

## SECTION 14 — TRANSPORT INFORMATION

### Additional Shipping Paper Description

Not regulated for transport.

## SECTION 15 — REGULATORY INFORMATION

### EU Regulations

**Hazard symbol (s):**



**Classification:**

### Canadian Regulatory Information

CEPA information: All ingredients are listed on the DSL/NDSL.

TSCA information: All ingredients are listed on the TSCA inventory.

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<b>SECTION 16 — OTHER INFORMATION</b>
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**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.

S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Revision/Preparer Information**

MSDS Preparer: NutriAg Limited

MSDS Preparer Phone Number: 416-636-1555

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NutriAg Limited