

## BB5 Platinum

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	BB5 Platinum
<b>Other Means of Identification</b>	Adjuvant
<b>Recommended Use</b>	The user should seek the advice of the county agricultural representative or a professional agricultural consultant.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer/Supplier Identifier</b>	NutriAg Limited, 39 Gail Grove, Toronto, Ontario, M9M 1M5
<b>Emergency Phone No.</b>	Canutec, 613-996-6666, 24 hours
<b>SDS No.</b>	0091
<b>Date of Preparation</b>	June 15, 2015

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Corrosive to metals - Category 1; Skin irritation - Category 2; Eye irritation - Category 2

#### Label Elements



Signal Word:

Warning

Hazard Statement(s):

May be corrosive to metals.

Causes skin irritation.

Causes serious eye irritation.

Contains 100% of ingredients of unknown toxicity (Inhalation).

Contains 48.7-51.8% of ingredients of unknown toxicity (Dermal).

Contains 34-36% of ingredients of unknown toxicity (Oral).

Precautionary Statement(s):

Prevention:

Keep only in original packaging.

Wash hands and skin thoroughly after handling.

Wear protective gloves.

Wear eye protection/face protection.

Response:

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment is advised - see first aid instructions.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Absorb spillage to prevent material damage.

**Storage:**

Store in corrosive resistant container with a resistant inner liner.

**Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other Hazards**

Hazard Not Otherwise Classified (HNOC).

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Withheld as trade secret	CBI	34-36	N/A	
Withheld as trade secret	CBI	25-26	N/A	
Nonylphenoethoxylate	Multiple	15-17	N/A	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

**Inhalation**

Remove source of exposure or move to fresh air.

**Skin Contact**

Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes.

**Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay flushing or attempt to remove the lens. Neutral saline solution may be used as soon as it is available. DO NOT INTERRUPT FLUSHING. If necessary, continue flushing during transport to hospital.

**Ingestion**

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

### Most Important Symptoms and Effects, Acute and Delayed

If swallowed: can irritate the mouth, throat and stomach.

### Immediate Medical Attention and Special Treatment

**Target Organs**

Eyes, skin.

**Medical Conditions Aggravated by Exposure**

Dermatitis.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

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### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

By heating and fire, irritating vapours/gases may be formed.

### Special Protective Equipment and Precautions for Fire-fighters

Approach fire from upwind to avoid hazardous vapours or gases.

Fire-fighters should enter area wearing specialized protective equipment. (Bunker Gear will not provide adequate protection.) chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Restrict access to area until completion of cleanup. Ensure cleanup is conducted by trained personnel only. Wear adequate personal protective equipment.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment. Do not return spilled product to its original container.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Transfer equipment should be constructed of chemical-resistant plastic or stainless steel. Do not store in aluminum or steel containers. Wear chemically protective equipment during handling. Use in a well-ventilated area. Do not breathe vapours or mists. Avoid contact with eyes, skin and clothing. Do not wear contact lenses while handling this material. Wash thoroughly after handling. Keep away from extreme heat and flame. Use caution when opening containers.

### Conditions for Safe Storage

Store in an area that is: well-ventilated. Store in the original, labelled, shipping container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Odour** Odourless

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<b>Odour Threshold</b>	Not available
<b>pH</b>	2 - 3 (1% solution)
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Boiling Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.21 - 1.24 at 20 °C (68 °F)
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Bulk Density</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Prolonged exposure to high temperatures. Incompatible materials.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong bases (e.g. sodium hydroxide).

### Hazardous Decomposition Products

During a fire, or when heated to decomposition, irritating/toxic phosphorus oxides, such as phosphorus pentoxide may be generated.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Nonylphenoethoxylate		1310 mg/kg (rat)	2000 mg/kg (rabbit)
Withheld as trade secret		3000 mg/kg (rat)	> 2000 mg/kg (rat)

### Skin Corrosion/Irritation

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Causes skin irritation.

**Serious Eye Damage/Irritation**

May cause serious eye irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

Not classified.

**Skin Absorption**

Not classified.

**Ingestion**

May cause irritation of the mouth, throat and stomach.

**Aspiration Hazard**

Not classified.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Not classified.

**Respiratory and/or Skin Sensitization**

Not classified.

**Carcinogenicity**

Not classified.

**Reproductive Toxicity**

**Development of Offspring**

Not classified.

**Sexual Function and Fertility**

Not classified.

**Effects on or via Lactation**

Not classified.

**Germ Cell Mutagenicity**

Not classified.

**Interactive Effects**

Not classified.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

May cause long lasting harmful effects to aquatic life.

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Nonylphenolethoxylate	3.8-6.2 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

### Persistence and Degradability

Not Known.

### Bioaccumulative Potential

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Not Known.

#### **Mobility in Soil**

Not Known.

#### **Other Adverse Effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Dispose in accordance with all applicable federal, provincial, and local regulations.

## **SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3265	Corrosive liquid, acidic, organic	8	III
US DOT	3265	Corrosive liquid, acidic, organic	8	III
IATA (Air)	3265	Corrosive liquid, acidic, organic	8	III

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

#### **Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

**Other Information** IMDG: UN3265, Corrosive liquid, acidic, organic, Class 8, PG III

#### **Proof of Dangerous Goods Classification**

**Date of Classification** December 11, 2019

**Classification** corrosive to metals

**Classification Method** 49 CFR 173.137 and UN Manual of Tests and Criteria, Section 37

## **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

##### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

##### **CEPA - National Pollutant Release Inventory (NPRI)**

Part 1B. (Nonylphenoethoxylate)

##### **USA**

##### **Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed, or not specifically listed.

## **SECTION 16. OTHER INFORMATION**

**SDS Prepared By** NutriAg Limited

**Phone No.** 416-636-1555

**Date of Preparation** June 15, 2015

**Date of Last Revision** March 19, 2021

**Revision Indicators** Version 3.4

The following SDS content was changed on February 04, 2016:

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SECTION 14. TRANSPORT INFORMATION; Shipping Information; Classification.

The following SDS content was changed on June 28, 2016:

SECTION 14. TRANSPORT INFORMATION; Shipping Information.

The following SDS content was changed on March 15, 2017:

SECTION 2. HAZARD IDENTIFICATION; Label Elements.

The following SDS content was changed on January 24, 2019:

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; Relative Density.

The following SDS content was changed on December 11, 2019:

SECTION 2. HAZARD IDENTIFICATION; Classification; Label Elements.

SECTION 7. HANDLING AND STORAGE; Precautions for Safe Handling.

SECTION 14. TRANSPORT INFORMATION; Shipping Information; Other Information;  
Classification; Classification Method.

The following SDS content was changed on March 19, 2021:

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; Relative Density.

#### Disclaimer

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