

## BudMax

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	BudMax
<b>Other Means of Identification</b>	Fertilizer
<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</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>	0015
<b>Date of Preparation</b>	May 20, 2015

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2A; Respiratory sensitization - Category 1; Skin sensitization - Category 1; Germ cell mutagenicity - Category 2; Carcinogenicity - Category 1B; Reproductive Toxicity - Category 1B

#### GHS Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Suspected of causing genetic defects.

May cause cancer.

May damage fertility or the unborn child.

Contains 10-11% of ingredients with unknown toxicity (oral).

Contains 18-22% of ingredients with unknown toxicity (dermal).

Contains 23-29% of ingredients with unknown toxicity (inhalation).

Precautionary Statement(s):

Prevention:

Do not handle until all safety precautions have been read and understood.

Avoid breathing mist, spray.

Wash hands and skin thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

In case of inadequate ventilation wear respiratory protection (NIOSH approved air-purifying respirator with an organic vapour cartridge).

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Response:

IF ON SKIN: Wash with plenty of water.

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

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

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see supplemental first aid instruction on this label).

If experiencing respiratory symptoms: Call a POISON CENTRE/doctor.

Take off contaminated clothing and wash it before reuse.

Storage:

Store locked up.

Disposal:

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

#### Other Hazards

Hazard Not Otherwise Classified (HNOC).

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Withheld as trade secret	CBI*	3-6	N/A
Withheld as trade secret	CBI*	3-4	N/A
Withheld as trade secret	CBI*	2-3	N/A
Withheld as trade secret	CBI*	1-3	N/A
Withheld as trade secret	CBI*	1-2	N/A
Withheld as trade secret	CBI*	0.2-0.6	N/A

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air.

##### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs get medical advice/attention. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

##### Ingestion

Rinse mouth with water. Get medical advice/attention if you feel unwell or are concerned.

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

May be harmful if inhaled. Causes respiratory tract irritation.

Causes skin irritation.

Causes eye irritation.

#### Immediate Medical Attention and Special Treatment

##### Target Organs

Eyes, skin, respiratory system.

##### Special Instructions

None known.

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## Medical Conditions Aggravated by Exposure

Dermatitis.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Does not burn.

In a fire, the following hazardous materials may be generated: carbon monoxide, carbon dioxide and nitrogen oxides. When heated to decomposition it may emit acrid smoke and fumes.

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

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

### 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.

## 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: ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Withheld as trade secret	2 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>				
Withheld as trade secret	0.2 mg/m <sup>3</sup>			5 mg/m <sup>3</sup>		
Withheld as trade secret	0.02 mg/m <sup>3</sup>					
Withheld as trade secret	Not established					

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## Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

## Individual Protection Measures

### Eye/Face Protection

Wear chemical safety goggles.

### Skin Protection

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

### Respiratory Protection

In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Dark blue.
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	6 - 7 (1% solution)
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/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>	1.23 - 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

## 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

Freezing. Heat. Incompatible materials.

### Incompatible Materials

Metals (e.g. aluminum), oxidizing agents (e.g. peroxides), reducing agents (e.g. hydroquinone), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

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Carbon steel, aluminum alloys.

### Hazardous Decomposition Products

When heated to decomposition it emits acrid smoke and irritating fumes.

Carbon monoxide and carbon dioxide

Nitrogen Oxides

Sulfur Oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Withheld as trade secret	> 2.03 mg/L (rat) (4-hour exposure)	2660 mg/kg (rat)	> 2000 mg/kg (rabbit)
Withheld as trade secret		782 mg/kg (rat)	
Withheld as trade secret		766 mg/kg (rat)	> 2000 mg/kg (rat)
Withheld as trade secret	> 450 mg/m <sup>3</sup> (rat) (4-hour exposure)	891 mg/kg (rat)	> 2000 mg/kg (rat)
Withheld as trade secret		308 mg/kg (rat)	176 mg/kg (rabbit)
Withheld as trade secret		1920 mg/kg (mouse)	

### Skin Corrosion/Irritation

May cause skin irritation.

### Serious Eye Damage/Irritation

May cause irritation.

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

#### Inhalation

May cause irritation to the respiratory tract.

#### Skin Absorption

Not Classified.

#### Ingestion

May be harmful if swallowed.

### Aspiration Hazard

Not known to be an aspiration hazard.

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

Symptoms may include dry, red, cracked skin (dermatitis).

### Respiratory and/or Skin Sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

### Carcinogenicity

May cause cancer.

### Reproductive Toxicity

#### Development of Offspring

May harm the unborn child.

#### Sexual Function and Fertility

The product contains a small amount of substance that is suspected of damaging fertility or the unborn child.

#### Effects on or via Lactation

No information was located.

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**Germ Cell Mutagenicity**

May be mutagenic.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

Very toxic to fish.

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Withheld as trade secret	79 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)			
Withheld as trade secret	22-48 mg/L (Pimephales promelas (fathead minnow); 96-hour)			
Withheld as trade secret	1190 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

**Persistence and Degradability**

May cause long-term adverse effects in the environment.

**Bioaccumulative Potential**

Not Established.

**Mobility in Soil**

Not established.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

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

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations**

This section is not required by OSHA.

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

Part 1A. (Cobalt(II) chloride, hexahydrate)

**SECTION 16. OTHER INFORMATION**

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**Revision Indicators** Not applicable.

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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