

## CelluMax

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	CelluMax
<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/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>	0044
<b>Date of Preparation</b>	May 21, 2015

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1A; Serious eye damage - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes severe skin burns and eye damage.

Causes serious eye damage.

Contains 37-39% of ingredients of unknown toxicity (dermal and inhalation)

Precautionary Statement(s):

Prevention:

Do not breathe dusts or mists.

Wash hands and skin thoroughly after handling.

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

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: 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.

Immediately call a POISON CENTRE or doctor.

Specific treatment is advised - see first aid instructions.

Wash contaminated clothing before reuse.

Storage:

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Store locked up.

Disposal:

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

#### Other Hazards

Hazard Not Otherwise Classified (HNOC).

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Withheld as trade secret	CBI	30-31	N/A	
Withheld as trade secret	CBI	7-8	N/A	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

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

May burn the skin. Permanent scarring may result. May cause serious eye damage. May irritate or burn the eyes.

Permanent damage including blindness may result.

#### 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.

##### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Product

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

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

Approach fire from upwind to avoid hazardous vapours or gases.

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

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. Protect from Freezing. Store above 10 degrees Celsius (50 deg Fahrenheit).

## 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/m3		

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit.

### 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

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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## Basic Physical and Chemical Properties

Odour	Fruity
Odour Threshold	Not available
pH	10 - 11 (1% solution)
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.17 - 1.18 at 20 °C (68 °F)
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
Physical State	Liquid
Bulk Density	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.

Reacts in the presence of oxidizing agents.

### Conditions to Avoid

Prolonged exposure to high temperatures. Incompatible materials.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong acids (e.g. hydrochloric acid).

Aluminum and steel.

### Hazardous Decomposition Products

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

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
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Withheld as trade secret		273 mg/kg (rat)	2000 mg/kg (rabbit)
Withheld as trade secret		5700 mg/kg (rat)	

#### **Skin Corrosion/Irritation**

Causes skin burns.

#### **Serious Eye Damage/Irritation**

Causes serious eye damage.

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

##### **Inhalation**

May cause nose and throat irritation.

##### **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**

Not classified.

#### **Respiratory and/or Skin Sensitization**

Not classified.

#### **Carcinogenicity**

Not known to cause cancer.

#### **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**

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not established.

### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Withheld as trade secret	> 28.6 mg/L (96-hour)			

### Persistence and Degradability

Not established.

### Bioaccumulative Potential

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Not Established.

**Mobility in Soil**

Not established.

**Other Adverse Effects**

Not established.

## 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	3266	Corrosive liquid, basic, inorganic (N.O.S)	8	III
US DOT	3266	Corrosive liquid, basic, inorganic (N.O.S)	8	III
IATA (Air)	3266	Corrosive liquid, basic, inorganic (N.O.S)	8	III

**Other Information** IMDG: UN#3266, Corrosive liquid, inorganic (N.O.S), Class 8, PGIII

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**Canada**

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

Listed on the DSL.

**USA**

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

Listed on the TSCA Inventory.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** NutriAg Limited

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

**Date of Preparation** May 21, 2015

**Date of Last Revision** July 06, 2021

**Revision Indicators** Version 1.3

The following SDS content was changed on March 13, 2017:

Manufacturer/Supplier Identifier; SDS Logo.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; pH.

SECTION 12. ECOLOGICAL INFORMATION; Ecotoxicity; Persistence and Degradability; Bioaccumulative Potential; Mobility in Soil; Other Adverse Effects.

SECTION 14. TRANSPORT INFORMATION; Shipping Information.

The following SDS content was changed on March 14, 2017:

SECTION 2. HAZARD IDENTIFICATION; Label Elements.

The following SDS content was changed on May 27, 2021:

SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values.

The following SDS content was changed on July 06, 2021:

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

**Disclaimer**

The information contained herein is offered only as a guide to the handling of the specific material and has been prepared in good faith by technically knowledgeable personnel.

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