

# Safety Data Sheet

## ProCal-8

### SECTION 1. IDENTIFICATION

**Product Identifier** ProCal-8  
**Other Means of Identification** Fertilizer  
**Recommended Use** The user should seek the advice of the county agricultural representative or a professional agricultural consultant.  
**Restrictions on Use** None known.  
**Manufacturer** NutriAg Limited, 39 Gail Grove, Toronto, Ontario, M9M 1M5  
**Emergency Phone No.** Canutec, 613-996-6666, 24 hours  
**SDS No.** 0066  
**Date of Preparation** August 31, 2015

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation - Category 2B

#### GHS Label Elements

Signal Word:

Warning

Hazard Statement(s):

Causes eye irritation.

Contains 3-7% of an ingredient of unknown toxicity (dermal and inhalation)

Precautionary Statement(s):

Prevention:

Wash hands and skin thoroughly after handling.

Response:

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

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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

| Chemical Name            | CAS No. | %   | Other Identifiers |
|--------------------------|---------|-----|-------------------|
| Withheld as trade secret | CBI*    | 3-7 | N/A               |

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

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Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

#### **Skin Contact**

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice/attention.

#### **Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do.

#### **Ingestion**

Rinse mouth with water. Do not induce vomiting. Get medical advice/attention if you feel unwell or are concerned.

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

If inhaled: can irritate the nose and throat.

#### **Immediate Medical Attention and Special Treatment**

##### **Target Organs**

Eyes, respiratory system, skin.

##### **Special Instructions**

Provide general supportive measures and treat symptomatically.

##### **Medical Conditions Aggravated by Exposure**

None known.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

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

#### **Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this will spread the fire.

### **Specific Hazards Arising from the Chemical**

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

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

Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

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**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### **Other Information**

See Section 8 for personal protective equipment. For waste disposal, see section 13.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid repeated or prolonged skin contact. Do not get in eyes. Do not breathe in this product.

### Conditions for Safe Storage

Store in an area that is: well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

|                          | ACGIH TLV®      |      | OSHA PEL        |         | AIHA WEEL |     |
|--------------------------|-----------------|------|-----------------|---------|-----------|-----|
| Chemical Name            | TWA             | STEL | TWA             | Ceiling | 8-hr TWA  | TWA |
| Withheld as trade secret | Not established |      | Not established |         |           |     |

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit. OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

### Appropriate Engineering Controls

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

|                                                  |                                                   |
|--------------------------------------------------|---------------------------------------------------|
| Appearance                                       | Dark brown.                                       |
| Odour                                            | Fruity                                            |
| Odour Threshold                                  | Not available                                     |
| pH                                               | 6 - 7                                             |
| Melting Point/Freezing Point                     | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range                      | Not available                                     |
| Flash Point                                      | Not available                                     |
| Evaporation Rate                                 | Not available                                     |
| Flammability (solid, gas)                        | Not applicable                                    |
| Upper/Lower Flammability or Explosive Limit      | Not applicable (upper); Not applicable (lower)    |
| Vapour Pressure                                  | Not applicable                                    |
| Vapour Density (air = 1)                         | Not applicable                                    |
| Relative Density (water = 1)                     | 1.23 - 1.24 at 20 °C (68 °F)                      |
| Solubility                                       | Soluble in water                                  |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available                                     |
| Auto-ignition Temperature                        | Not available                                     |

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|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| <b>Decomposition Temperature</b> | Not available                                      |
| <b>Viscosity</b>                 | Not available (kinematic); Not available (dynamic) |

## 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

Incompatible materials.

### Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

## 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 |      | 2650 mg/kg (rat) |               |

### 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

No information was located.

#### Ingestion

Ingestion may cause irritation and malaise.

### 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.

**Other Information**

No other specific acute or chronic health impact noted.

**SECTION 12. ECOLOGICAL INFORMATION**

This section is not required by OSHA.

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

Dispose in accordance with all applicable federal, provincial, and local regulations. Empty containers retain product residue. Follow label warnings even if container appears to be empty.

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

All ingredients are listed on the DSL/NDSL.

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

All ingredients are listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

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**Revision Indicators** The following SDS content was changed on August 31, 2015:  
SECTION 2. HAZARDS IDENTIFICATION; GHS Classification.  
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS; Ingredient Information.  
SECTION 11. TOXICOLOGICAL INFORMATION; Reproductive Toxicity.

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