

## **MATERIAL SAFETY DATA SHEET**

### **PRODUCT INFORMATION**

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Product Identifier: Bumper Down

Manufacturer's Name: RAMBRIDGE WHOLESALE SUPPLY  
Address: #8-8009 57 Street SE  
Calgary, AB T2C 5K7

Emergency Phone No.: 1-800-265-4769

Product Use: pH Adjustment of Hydroponic Nutrient

### **HAZARDOUS INGREDIENTS**

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Hazardous Ingredients: Phosphoric Acid 9%

WHMIS Classification: 7664-38-2

### **PHYSICAL DATA**

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Physical State: Liquid	Odor and Appearance: Clear, no apparent odour
Odor Threshold: N/A	Specific Gravity: 1.1
Vapor Pressure: ND	Vapor Density: ND
Evaporation Point: ND	Boiling Point: 100C
Freezing Point: 0C pH: 0.91	Density: 1.1

### **FIRE AND EXPLOSION HAZARD**

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Flammability: Non Flammable

Means of Extinction: ND can react with metals to release hydrogen

Flashpoint: ND UEL: ND LEL: ND

Auto-ignition Temperature: ND TDG Flammability Class: ND

Hazardous Combustion Products: ND

## **REACTIVITY DATA**

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Chemical Stability: ND

Incompatibility: reacts with metals

Conditions of Reactivity: ND

Hazardous Decomposition Products: None

## **TOXICOLOGICAL PROPERTIES**

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Route of Entry:

*Skin Contact:* Considered to be corrosive to the skin; may not produce a burning sensation

*Skin Absorption:*

*Eye Contact:* Considered to be corrosive to eyes

*Inhalation:* ND

*Ingestion:* ND

Exposure Limits: ND

Synergistic Products:

Sensitization / Irritancy: Can cause irritation due to corrosive nature

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects: ND

## **PREVENTIVE MEASURES**

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Personal Protective Equipment:

- ❖ Wear appropriate clothing, eye protection if splashing is possible

Engineering Controls: ND

Leak or Spill Procedure: Neutralize with baking soda and flush area with water

Disposal: Neutralize and dispose in non crop areas

Handling Procedures and Equipment: ND

Storage Requirements: Do not freeze

Shipping Information: Ship heated service

## **FIRST AID MEASURES**

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*Skin:* Flush with lots of water

*Eyes:* Flush with water and seek medical attention

*Inhalation:* Seek medical attention.

*Ingestion:* Only if large quantities are ingested. Seek medical attention immediately.

## **ADDITIONAL INFORMATION**

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Product is mildly corrosive. If spilt on clothing flush area with water.

## **PREPARATION INFORMATION**

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Department:  
Technical

Phone No.:  
1-403-230-5717

Date:  
Oct. 18/02

n/a – Not Applicable

nd – Not Determined