

## Plant-Prod Zinc Sulphate

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Plant-Prod Zinc Sulphate
<b>Other Means of Identification</b>	10447, 10444
<b>Product Family</b>	Plant-Prod Micronutrient
<b>Recommended Use</b>	Water Soluble Fertilizer for Plants.
<b>Supplier Identifier</b>	Master Plant-Prod Inc., 314 Orenda Rd. , Brampton, Ontario, Canada, L6T 1G1, Canada
<b>Emergency Phone No.</b>	CANUTEC, 1-613-996-6666, 24 Hours

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Acute toxicity (Oral) - Category 4; Serious eye damage - Category 1; Aquatic hazard (Acute) - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

Precautionary Statement(s):

Prevention:

P264 Wash hands and skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear eye protection/face protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor.

P330 Rinse mouth.

P391 Collect spillage.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Zinc sulfate	7733-02-0	100		

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

#### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). If skin irritation occurs, get medical advice or attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Drink plenty of water (200-300 mL). Get medical advice or attention if you feel unwell or are concerned.

### Immediate Medical Attention and Special Treatment

#### Special Instructions

See first aid information above. Note to Physicians: Provide general supportive measures and treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Alcohol-resistant foam, carbon dioxide, dry powder or water fog.

### Specific Hazards Arising from the Product

Corrosive sulfur oxides.

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

Wear SCBA and full protective clothing.

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

Avoid formation and inhalation of dust. Ensure adequate ventilation. Do not get in eyes.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. Spills or uncontrolled discharges into waterways must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

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## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid generating dusts. Avoid breathing in this product. Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation.

### Conditions for Safe Storage

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

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

DO NOT SMOKE IN WORK AREAL. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, 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.  
Butyl rubber.

#### Respiratory Protection

If ventilation is insufficient, wear an appropriate respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	White powder. Particle Size: Not available
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	5.0 - 6.5
<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>Flammability (solid, gas)</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<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

Heat. Open flames, sparks, static discharge, heat and other ignition sources. Sunlight.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact.

### Skin Corrosion/Irritation

May cause very mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

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

#### Inhalation

May cause nose and throat irritation, lung injury.

#### Skin Absorption

No information was located.

#### Ingestion

Harmful if swallowed.

### Aspiration Hazard

No information was located.

### Respiratory and/or Skin Sensitization

Irritating to respiratory system.

### Carcinogenicity

No information was located.

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

#### Effects on or via Lactation

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Persistence and Degradability

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Not readily biodegradable.

**Mobility in Soil**

Soluble in water.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Methods**

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

## SECTION 14. TRANSPORT INFORMATION

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

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## 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** MPPI Technical Department

**Phone No.** 905-793-8000

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**Date of Last Revision** April 12, 2021

**Disclaimer** To the best of our knowledge, the information contained herein is accurate. However, neither Master Plant-Prod Inc., nor any of its distributors, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of any product is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

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