

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	<b>EZ-GRO Ni 5-0-0</b>
<b>Other Means of Identification</b>	None
<b>Recommended Use</b>	Agriculture / Horticulture - Micronutrient
<b>Restrictions on Use</b>	None Known
<b>Supplier Identifier</b>	EZ-Gro, 605 Justus Drive, Kingston, Ontario, Canada K7M 4H5 Phone: 613-384-8882, Fax: 613-384-0662, <a href="mailto:info@ez-gro.com">info@ez-gro.com</a>
<b>Emergency Phone Number</b>	Ontario Poison Centre 1-800-268-9017

## SECTION 2. HAZARD IDENTIFICATION

<b>Classification</b>	Acute Tox.4, Skin Irrit.2, Skin Sens.1, Resp.Sens.1, STOT RE 1, Carc.1A, Repr.1B, Aqua Acute 1, Aqua Chronic 1
<b>Label Elements</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statements</b>	<p>Harmful if swallowed or inhaled.</p> <p>Causes skin irritation and may cause an allergic skin reaction.</p> <p>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>Causes damage to organs through prolonged or repeated exposure.</p> <p>May cause cancer by inhalation.</p> <p>May damage the unborn child.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
<b>Precautionary Statement Prevention</b>	<p>Keep out of reach of children and animals.</p> <p>Wear protective clothing, gloves, eye and NIOSH/OSHA approved respiratory protection.</p> <p>Do not breathe mist or vapor. Use only outdoors or in a well-ventilated location.</p> <p>Do not eat, drink or smoke when handling this product.</p> <p>Wash thoroughly after handling.</p> <p>Contaminated work clothing must not be allowed out of the workplace.</p> <p>Wash protective equipment before reuse.</p> <p>Avoid release to the environment.</p>
<b>Response</b>	<p>If exposed or irritation persists, immediately contact a medical provider.</p> <p>If on skin wash with plenty of soap and water.</p> <p>If inhaled move person to fresh air and keep comfortable for breathing.</p> <p>If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing.</p> <p>If swallowed induce vomiting immediately as directed by medical personnel.</p>

**Storage** Store locked up in tightly closed container, in a dry, well-ventilated area.

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Proportion in Product
Nickel Sulfate Hexahydrate	10101-97-0	20 – 25%

### SECTION 4. FIRST AID MEASURES

- Inhalation** If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
- Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
- Ingestion** Rinse mouth & induce vomiting immediately as directed by medical personnel. Get medical attention if symptoms occur.

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

Harmful if swallowed or inhaled.

Causes skin irritation, symptoms may include dermatitis, rash, and stinging. May cause an allergic skin reaction.

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

Causes damage to organs through prolonged or repeated exposure.

May cause cancer if inhaled.

May damage the unborn child.

#### Immediate Medical Attention and Special Treatment

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### SECTION 5. FIRE FIGHTING MEASURES

#### Extinguishing Media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Do not use water jet as an extinguisher.

#### Specific Hazards Arising from the Product

None known

#### Special Protective Equipment and Precautions for Fire Fighters

None known

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Wear protective equipment including clothing, gloves, eye and NIOSH/OSHA approved respiratory protection. Avoid breathing fumes or vapors, ensure adequate ventilation. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wash protective equipment before reuse.

**Environmental Precautions**

Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

**Methods and Material for Containment and Clean Up**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Wipe, scrape or soak up in an inert material and put in container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Dispose of contents and container in accordance with local, regional, and national regulations.

**SECTION 7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

Wear protective equipment including clothing, gloves, eye and NIOSH/OSHA approved respiratory protection when handling this product. Avoid breathing fumes or vapours, use only outdoors or in a well-ventilated area. Do not eat, drink or smoke while handling product. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wash protective equipment before reuse.

**Conditions for Safe Storage**

Store in tightly closed container in a dry and well-ventilated area. Keep out of reach of children and animals.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Nickel Sulfate Hexahydrate (CAS 10101-97-0)	TWA	0.015 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

Ensure adequate ventilation.

**Individual Protection Measures**

<b>Eye/Face Protection</b>	Safety glasses recommended.
<b>Skin Protection</b>	Protective clothing and gloves recommended.
<b>Respiratory Protection</b>	NIOSH/OSHA approved respiratory protection recommended.
<b>Work Practices</b>	Use standard safe work procedures.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Green liquid
<b>Odour</b>	Minimal
<b>Odour Threshold</b>	Not available
<b>pH</b>	5.0 – 7.0
<b>Melting/Freezing Point</b>	Not available
<b>Initial Boil 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 Exposure Limits</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
<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

**SECTION 10. STABILITY AND REACTIVITY****Reactivity & Chemical Stability**

This product is stable and non-reactive under normal conditions of storage, use and transport.

**Possibility of Hazardous Reactions**

None known.

**Conditions to Avoid**

None known.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

None known.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Causes damage to organs through prolonged or repeated exposure. May damage the unborn child.

**Inhalation**

Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties. May cause cancer by inhalation.

**Skin Contact**

Causes skin irritation. May cause an allergic skin reaction.

**Eye Contact**

May cause irritation.

**Ingestion**

Harmful if swallowed.

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Eco Toxicity</b>	Very toxic to aquatic life with long lasting effects.
<b>Persistence and Degradability</b>	Persistence unlikely based on information available.
<b>Bioaccumulative Potential</b>	Not available
<b>Mobility in Soil</b>	Low mobility
<b>Other Adverse Effects</b>	None known

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

Dispose of packaging and product in accordance with local, state, and federal 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****Canada - Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are either listed on the DSL/NDSL or exempt.

**USA - Toxic Substances Control Act (TSCA)**

Ingredients are either listed on the TSCA Inventory or exempt.

**SECTION 16. OTHER INFORMATION**

**Date of Last Revision** January 2025