

**Safety Data Sheet**  
**(OSHA 29 CFR 1910.1200)**

## Section 1 - Product and Company Identification

<b>Product Name</b>	Micro Nutrients	<b>Product Code</b>	307
<b>Manufacturer or Supplier</b>	Nature's Lawn & Garden 2723 Harlem Rd Buffalo, NY 14225	<b>Phone</b>	352-789-5024
		<b>Emergency Phone</b>	352-789-5024
<b>Product Use</b>	Micronutrient Blend		

## Section 2 - Hazard Identification

### Potential Health Effects

Classification of the substance or mixture

Classification according to 29 CFR 1910.1200

Eye Irritation	Category 2B	H320
Acute Toxicity (Dermal)	Category 5	H313
Acute Toxicity (Oral)	Category 5	H303

Label Elements

Exclamation Mark



Signal Word:

WARNING

Hazard Statement:

H320 - Causes eye irritation.  
H313 - May be harmful in contact with skin.  
H302 - Harmful if swallowed.

Precautionary Statement:  
(general)

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

Precautionary Statement:  
(Prevention)

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P281 - Use personal protective equipment as required.  
P235 + P410 - Keep cool. Protect from sunlight.

Precautionary Statement:  
(Response)

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for 15 to 20 minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water for 15 to 20 minutes.

## Section 3 - Composition and Information on Ingredients

Component Ingredients	Hazardous	Percent	CAS Number	Threshold Limit Values			
				OSHA		ACGIH	
				PEL	STEL	TLV	STEL
Magnesium Sulfate Heptahydrate	No	1.70 %	10034-99-8	-	NONE ESTABLISHED-	-	-
Zinc Sulfate Monohydrate	No	0.75 %	7733-02-0	-	NONE ESTABLISHED-	-	-
Ferrous Sulfate Heptahydrate	No	3.50 %	7782-63-0	-	NONE ESTABLISHED-	-	-
Manganese Sulfate Monohydrate	No	0.75 %	10034-96-5	-	NONE ESTABLISHED-	-	-
Sodium Molybdate	No	0.003%	7631-95-0	-	NONE ESTABLISHED-	-	-
Di-Sodium Tetraborate Octahydrate	No	0.020%	12280-03-4	-	NONE ESTABLISHED-	-	-

## Section 4 - First Aid Measures

Skin Contact       Skin Absorption       Eye Contact       Inhalation       Ingestion

**Skin Contact** Dry and/or red itchy skin- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Skin Absorption** Dry and/or red itchy skin- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Eye Contact** Eye irritation- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Inhalation** Generally not considered an inhalation hazard.

**Ingestion** If conscious, immediately give large quantities of water and induce vomiting. Seek medical attention immediately.

## Section 5 - Fire Fighting Measures

Flammable

**Flammable Conditions** None. Solution is non-flammable.

**Methods of Extinguishing** Water, water fog or foam. Use media suitable to extinguish source of fire.

**Flashpoint degrees (c)** None

**Flashpoint Method** N/A

**Autolgnition Temp (c)** N/A

**Upper Flammable Limit (% by volume)** N/A

**Lower Flammable Limit (% by volume)** N/A

**Explosion - Sensitivity to Impact**

N/A

**Explosion - Sensitivity to Static Discharge**

N/A

**Protection and Procedures for FireFighters**

Product is not combustible.

**Protective Equipment for Firefighters**

Use media suitable to extinguish source of fire.

## Section 6 - Accidental Release Measures

**Leak and Spill Procedures**

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. Material Released or Spilled: Promptly mop up or pump-up material and place in suitable container for use as a fertilizer or for disposal.

Section 6 NOTES:

## Section 7 - Handling and Storage

### Handling Procedures and Equipment

Store in a cool, dry area. Keep container closed when not in use. Keep Out of Reach of Children.

OTHER PRECAUTIONS: Avoid containers, piping, or fittings made of aluminum, copper-containing alloys or galvanized steel.

Section 7 NOTES:

### Storage Requirements

Store in a cool, dry area. Store in well ventilated areas. Keep away from any sources of heat or flame. Store tote and smaller containers out of direct sunlight at moderate temperatures. Keep container closed when not in use. Keep Out of Reach of Children

## Section 8 - Exposure Controls - Personal Protection

### Specific Engineering Controls

VENTILATION : Adequate ventilation required to maintain a fresh airflow.

Gloves       Respirator       Eye       Footwear       Clothing       Other

### Personal Protective Equipment

RESPIRATORY PROTECTION: If mist or dust conditions should be present use respirator approved by NIOSH.

EYE PROTECTION: Goggles or face shield.

SKIN (Hands, Arms, and Body) PROTECTION: Adequate clothing should be worn to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath, safety shower .

WORK HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using this product.

EXPOSURE GUIDELINES:

LOCAL EXHAUST: Adequate

Section 8 NOTES:

## Section 9 - Physical and Chemical Properties

Physical State	Liquid
Odor and Appearance	Dark Brown Liquid, Sweet Odor
Solubility in Water	Complete
Specific Gravity	1.33
Vapor Density (air = 1)	N/A
Vapor Pressure (mmHg)	N/A
Evaporation Rate	N/A
Boiling Point (° C)	212°F (100°C)
Freezing Point (°C)	32°F (F) 0°C (C)
pH @ 20 Celsius	5.1

Salt Out Temperature:

Notes

## Section 10 - Stability and Reactivity

### Chemical Stability

#### Stability Conditions

Product is stable.

### Incompatibility with Other Substance

#### Incompatibility conditions

Strong Acids or alkali and strong Oxidizers. Metals, such as aluminum, copper, copper alloys, and nickel.

#### Reactivity Conditions

Extremely high temperatures.

#### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, nitrogen oxides and metal oxides.

## Section 11 - Toxicological Information

### Effects of Acute Exposure

Eye contact may cause irritation.

### Effects of Chronic Exposure

Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

**Irritancy** Yes

**Skin Sensitization** Yes

**Carcinogenicity - IARC** NO

**Reproductive** NO

**Embryotoxicity** NO

**Respiratory Sensitize** NO

**Carcinogenicity - ACGIH** NO

**Teratogenicity** NO

**Mutagenicity** NO

## Section 12 - Ecological Information

### Ecological Information

N/A

## Section 13 - Disposal Considerations

### Waste Disposal

If product cannot be disposed of according to use directions on label. Dispose of in accordance with federal, state, and local environmental laws and regulations.

## Section 14 - Transportation Information

**U.S. DOT** Not Regulated

**IMDG** Not Regulated

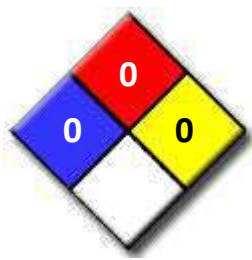
**ICAO/IATA** Not Regulated

### Transport Information

Not Regulated by DOT

Other Shipping Description: Fertilizing Compounds (Manufactured), Liquid. NMFC Item 6810 Sub 6, LTL Class 70

## Section 15 - Regulatory Information



**Health Hazard** 0

Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

**Fire Hazard** 0

Materials that will not burn.

**Instability** 0

Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

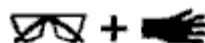
**Special Hazard**

## Section 16 - Other Information / Warranty / Disclaimer

**Revised** 1-June-21

**Prepared By** Denise

<b>Health</b>	<b>0</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>



**Health Hazard** 0 No significant risk to health

**Flammability** 0 Materials that will not burn

**Reactivity** 0 Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

**Personal Protection** B Safety Glasses + Gloves

### Disclaimer

HMIS Ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDS's by OSHA's CFR 1910.1200, we choose to provide them as a service to our customers using HMIS. These ratings are to be used only with a fully implemented HMIS program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS Implementation Manual.

When two ratings are provided for Health, the first represents the material 'as supplied,' and the second represents the material 'in use.'

### Other Information

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