

Safety Data Sheet (OSHA 29 CFR 1910.1200)

Section 1 - Product and Company Identification

Product Lawn Force 5

Company Nature's Lawn & Garden
2723 Harlem Road
Buffalo, NY 14225

Phone 716-681-7796

Product Use Lawn Care

Emergency Phone
716-681-7796

Section 2 – Hazard Identification

GHS classification:

Health hazards:	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2B
	Acute toxicity	Category 4

GHS label elements:

Signal word: Warning



Hazard statement: Causes eye irritation
Causes mild skin irritation
Harmful if swallowed

Prevention: Wash thoroughly after handling
Do not eat, drink, or smoke when using this product.
Wear eye protection, face protection, protective clothing, protective gloves

Response: If skin irritation occurs get medical advice/attention. **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. **IF ON SKIN OR CLOTHING:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. **IF SWALLOWED:** Call poison center or doctor/physician if you feel unwell.
Store in closed container

Disposal: Dispose of contents/container in accordance with local/regional/national/International regulations

Specific hazards: None available

Section 3 – Composition and Information on Ingredients

Component Ingredients	Hazardous Percent	CAS Number	Threshold Limit Values			
			OSHA		ACGIH	
			PEL	STEL	TLV	STEL
Phosphoric Acid	No	7664-38-2	-NONE ESTABLISHED-			
Urea	No	57-13-6	-NONE ESTABLISHED-			
Potassium Hydroxide	No	1310-58-3	-NONE ESTABLISHED-			
Fish Emulsion	No	N/A	-NONE ESTABLISHED-			
Seaweed Extract	No	N/A	-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. Remove contaminated clothing and shoes. 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 Do not induce vomiting, contact a physician, or poison control center.

Section 5 - Fire Fighting Measures

- Flammable

Flammable Conditions None

Methods of Extinguishing Use media suitable to extinguish source of fire. Water fog or spray, foam, carbon dioxide, or dry chemical.

Flashpoint degrees (c) N/A

Flashpoint Method N/A

Autoignition 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

Use water fog or spray, foam, carbon dioxide, or dry chemical to control fire.

Protective Equipment for Firefighters

Use approved self-contained breathing apparatus and full protective gear. Avoid smoke inhalation.

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 proper disposal in accordance with local, state, and federal regulations.

Section 7 - Handling and Storage

Handling Procedures and Equipment

Avoid contact with eyes. Use only in well ventilated areas. Wash thoroughly after handling. Avoid prolonged or repeated contact with the skin. Keep Out of Reach of Children. Other Precautions: Transfer using chemical-resistant plastic or stainless steel tanks, pumps, and valves.

Storage Requirements

Store in cool, dry area. Keep container closed when not in use. Keep Out of Reach of Children. Store in temperatures between 40 and 78 degrees F.

Section 8 - Exposure Controls - Personal Protection

Specific Engineering Controls

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 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.

Section 9 - Physical and Chemical Properties

Physical State Liquid

Odor and Appearance Dark Brown with Earthy Odor

Solubility in Water Complete

Specific Gravity 1.209

Vapor Density (air = 1) N/A

Vapor Pressure (mmHg) N/A

Evaporation Rate N/A

Boiling Point (° C) 212 F

Freezing Point (°C) 32 F

pH @ 20 Celsius 8.0

Coefficient of Water/Oil Distribution N/A

Notes

Section 10 - Stability and Reactivity

Chemical Stability

Stability Conditions

Product is stable.

Incompatibility with Other Substance

Incompatibility conditions

Avoid contact with: Strong oxidizers.

Reactivity Conditions

Extremely high temperatures and open flames.

Hazardous Decomposition Products

Burning may results in carbon monoxide fumes

Section 11 - Toxicological Information

Effects of Acute Exposure

Eye contact may cause irritation and redness.

Effects of Chronic Exposure

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

Irritancy Slight

Skin Sensitization Redness

Carcinogenicity - IARC No

Reproductive No

Embryotoxicity No

Respiratory Sensitize Mild

Carcinogenicity - ACGIH No

Teratogenicity No

Mutagenicity No

Section 12 - Ecological Information

Ecological Information

Not Known

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

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.

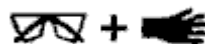
Special Hazard

Section 16 - Other Information / Warranty / Disclaimer

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Prepared by Denise

Health	0
Flammability	0
Reactivity	0
Personal Protection	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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