

**Magruder 230811 4-3-4**  
*results due September 15, 2023*

Guaranteed Analysis

Total Nitrogen (N) .....	4.0 %
0.3 % <u>Ammoniacal</u> Nitrogen	
1.2 % Other Water Soluble Nitrogen	
2.5 % Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	3.0 %
Soluble Potassium (K <sub>2</sub> O) .....	4.0 %
Magnesium (Mg) .....	1.0 %
0.7 % Water soluble Magnesium	
Sulfur (S) .....	5.0 %

Derived from: Feather Meal, Poultry Manure, Bone Meal, Alfalfa Meal, Greensand, Sulfate of Potash, Sulfate of Potash Magnesia, and Elemental Sulfur

*Also analyze for:*

As (ppm), Cd (ppm), Cr (ppm), Co (ppm), Pb (ppm), Hg (ppm), Mo (ppm), Ni (ppm), Se (ppm), Cu (%) and Zn (%)

*The units above are those required for reporting data from this Magruder sample. They may not be the units required on a commercial fertilizer label.*

*Note: This Magruder Check Sample material is not to be used in the manufacture of products nor applied to any crops or for other fertilizer uses. It is intended for analytical testing purposes only.*

**SDS for this product can be found at:**  
**<http://www.magruderchecksample.org/SDS/230811.pdf>**

# SDS For Magruder 230811

## Section 1: Identification

**Espoma Organic Holly-tone** - Organic Plant Food

The Espoma Company

6 Espoma Road

Millville, NJ 08332

800-634-0603

## Section 2: Hazard Information

Contains no hazardous ingredients

## Section 3: Composition / Ingredients

Pasteurized Poultry manure, Hydrolyzed Feather Meal, Bone Meal, Alfalfa Meal, Greensand, Humates, Sulfate of Potash & Sulfate of Potash Magnesia, Elemental Sulfur.

## Section 4: First Aid Measures

No unusual procedures required.

## Section 5: Fire-fighting Measures:

Extinguishing media: Water

Unusual Fire & Explosion Hazards: None

## Section 6: Accidental Release Measures:

If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.

WASTE DISPOSAL METHOD – Contaminated material can generally be disposed of in an approved disposal facility, in accordance with applicable federal, state, and local regulations.

## Section 7: Handling & Storage:

Store in a cool dry place out of reach of children and pets.

## Section 8: Exposure Controls / Personal Protection

None

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None

**Section 9: Physical & Chemical Properties:**

Solubility in water: Slightly

Appearance and odor: Granular/Earthy

**Section 10: Stability & Reactivity**

Stable: None

Hazardous Decomposition Products: None

**Section 11: Toxicological Information:**

None

**Section 12 Ecological Information:**

None

**Section 13: Disposal Considerations:**

None

**Section 14: Transportation Information:**

None

**Section 15: Regulatory Information:**