SAFETY DATA SHEET

SECTION 1 - Identification of the substance or mixture and of the supplier

SECTION 1.1 - Product Identifier

Product form: Mixture, Purple Capsule
Product name: Soil Test Kit, Nitrogen (N) Test Reagent
Product code: 1601, 1605, 1609, 1610, 16016, 16019

SECTION 1.2 - Recommended usage of mixture

Soil Nitrogen content testing

SECTION 1.3 - Supplier details

Luster Leaf Products, Inc.
1961 Dillard Ct.
Woodstock, IL 60098
815-337-5560
815-337-5567 fax
800-327-4635

SECTION 1.4 - Emergency telephone number

(314)-776-6555

SECTION 2 - Hazards identification

SECTION 2.1 - Classification of the substance or mixture

Classification (GHS-US) : Not Classified

SECTION 2.2 - Label elements

GHS-US labeling: No labeling applicable

SECTION 2.3 - Other hazards

No additional information available

SECTION 2.4 - Unknown acute toxicity

No data available

SECTION 3 - Composition/information on ingredients

Mixture

Ingredient	CAS Identifier	%	Classification (GHS-US
Lactose Monohydrate	64044-51-5	CA 80%	Not Classified
Tartaric Acid	87-69-4	CA 12%	Not Classified

Manganese Sulphate	10034-96-5	LT 5%	Not Classified
Sulfanilic Acid	121-57-3	LT 3%	Not Classified
N.I. Napthylethylene Diamine Dihydrochloride	1465-25-4	LT 2%	Not Classified
Zinc Metal Powder	7440-66-6	LT 2%	Not Classified
Magnesium Stearate	557-04-0	LT 1%	Not Classified

Ingredients not precisely identified are proprietary or nonhazardous.
Values are not product specifications. GT = greater than, LT = less than,
CA = approximately.

SECTION 4 - First aid measures

SECTION 4.1 - First aid measures by route of exposure

General: Seek medical assistance for further treatment, observation and support if necessary.

Inhalation: *Remove* from exposure. In severe cases, *obtain medical attention.*

Skin contact: *Wash* thoroughly with soap and water.

Eye contact: *Irrigate* thoroughly with water. If discomfort persists, obtain medical attention.

Ingestion: *Wash* out mouth thoroughly with water and drink plenty of water. In severe cases, seek attention.

SECTION 4.2 - Most important symptoms and effects, acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under expected conditions of normal use.

Acute symptoms: None identified

Chronic symptoms: None identified

SECTION 4.3 - Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5 - Firefighting measures

SECTION 5.1 - Extinguishing media

Suitable: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable: Do not use a heavy water stream.

SECTION 5.2 - Special hazards arising from substance/mixture

May evolve toxic fumes in fire.

SECTION 5.3 - Firefighter precautions

Firefighting instructions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Protection during firefighting

Wear self-contained breathing apparatus if necessary.

SECTION 6 - Accidental release measures

SECTION 6.1 - Personal precautions, protective equipment, and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist, or gas.
For personal protection see section 8.

SECTION 6.2 - Environmental precautions

No data available.

SECTION 6.3 - Methods and material for containment and cleanup

Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 6.4 -

For disposal see section 13

SECTION 7 - Handling and storage

SECTION 7.1 - Precautions for safe handling

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into account before additional processing occurs. Provide additional exhaust ventilation at places where dust is formed.

SECTION 7.2 - Conditions for safe storage, including any incompatibilities

Storage conditions:	Keep product in a dry and well-ventilated place.
Incompatible products:	None known.
Incompatible materials:	Sources of ignition.

SECTION 8 - Exposure controls/personal protection

SECTION 8.1 - Control parameters

No additional information

SECTION 8.2 - Exposure controls

Personal protective equipment	Avoid all unnecessary exposure
Hand protection	Wash hands thoroughly after using product.
Eye protection	See Section 4 if exposure occurs.
Respiratory	See Section 4 if exposure occurs.
Other information	When using, do not eat, drink, or smoke

SECTION 9 - Physical and chemical properties

Appearance	Powder
Color	White
Odor	No data available
Odor threshold	No data available
pH	No data available
Relative evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	Not applicable
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Density	No data available
Solubility	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

SECTION 10 - Stability and reactivity

SECTION 10.1 - Reactivity

No data available

SECTION 10.2 - Chemical stability

Stable under recommended storage conditions

SECTION 10.3 - Possibility of hazardous reactions

No data available

SECTION 10.4 - Conditions to avoid

No data available

SECTION 10.5 - Incompatible materials

Strong oxidizing agents

SECTION 10.6 - Hazardous decomposition products

No data available

In the event of fire, see Section 5

SECTION 11 - Toxicological information

Acute toxicity	No data available

Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

Potential adverse human health effects and symptoms

Damage to the lungs: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Chronic symptoms No data available

SECTION 12 - Ecological information

SECTION 12.1 - Toxicity

No additional information available

SECTION 12.2 - Persistence and degradability

Not established

SECTION 12.3 - Bioaccumulative potential

Not established

SECTION 12.4 - Mobility in soil

No additional information available

SECTION 12.5 - Other adverse effects

Other information: No additional information available

SECTION 13 - Disposal considerations

SECTION 13.1 - Waste treatment methods

Waste disposal recommendations: Dispose in safe manner in accordance with local/national regulations.

Ecology- waste materials: No data available

SECTION 14 - Transport information

In accordance with DOT
No dangerous good in sense of transport regulations

SECTION 15 - Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title 3, Section 302

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title 3 Section 313

SARA 311/312 Hazards

No chemicals in this material are subject to the reporting requirements of SARA Title 3, Section 311/312

Massachusetts Right To Know Components

	CAS No.
Lactose Monohydrate	64044-51-5
Tartaric Acid	87-69-4
Manganese Sulphate	10034-96-5
Sulfanilic Acid	121-57-3
N.I. Napthylethylene Diamine Dihydrochloride	1465-25-4
Zinc Metal Powder	7440-66-6
Magnesium Stearate	557-04-0

Pennsylvania Right To Know Components

	CAS No.
Lactose Monohydrate	64044-51-5
Tartaric Acid	87-69-4
Manganese Sulphate	10034-96-5
Sulfanilic Acid	121-57-3
N.I. Napthylethylene Diamine Dihydrochloride	1465-25-4
Zinc Metal Powder	7440-66-6
Magnesium Stearate	557-04-0

New Jersey Right To Know Components

	CAS No.
Lactose Monohydrate	64044-51-5
Tartaric Acid	87-69-4
Manganese Sulphate	10034-96-5
Sulfanilic Acid	121-57-3
N.I. Napthylethylene Diamine Dihydrochloride	1465-25-4
Zinc Metal Powder	7440-66-6
Magnesium Stearate	557-04-0

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 - Other information

SDS Prepared: 11/6/2019

The information herein is give in good faith but no warranty, expressed or implied, is made.