

# MATERIAL SAFETY DATA SHEET

## GROW POWDER

### Section 1: Product and Company Identification

SCIETETICS

17878 County Road S.

Fort Morgan, Colorado 80701-4109

**TELEPHONE: (720) 369-9857**  
**INFORMATION: (720) 369-9857**  
**FAX: (303) 953-0360**

**For Hazardous Materials Incident  
call CHEMTREC Day or Night  
EMERGENCY 24 Hour: (800) 424-9300**

**EMAIL:**  
info@scieteticsag.com

**WEBSITE:**  
www.scieteticsag.com

**Product Name:** Grow Powder

**Common/Generic Name:** Fertilizer (NPK)

### Section 2: Hazards Identification

#### EMERGENCY OVERVIEW

Product poses little or no hazard if spilled and no unusual hazard if involved in a fire.

#### POTENTIAL HEALTH EFFECTS

#### HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

##### General Effects of Exposure

**Acute Effects of Exposure:** Powder can be irritating to eye, respiratory and gastrointestinal tract.

**Chronic Effects of Exposure:** None known.

##### Carcinogenic Components:

**NTP:** None

**IARC:** None

**OSHA:** None

**Medical Conditions Aggravated by Exposure:** None known.

### Section 3: Composition/Information of Ingredients

HAZARDOUS INGREDIENTS: Contains no hazardous ingredients under OSHA definition (29 CFR 1910.1200). This SDS contains information for the safe and proper handling and use of the product.

CHEMICAL	PERCENTAGE BY WEIGHT
Total Nitrogen (N)(0.5 Nitrate Nitrogen)	0.5
Available Phosphate (P2O5)	1.7
Soluble Potash (K2O)	4.0

### Section 4: First Aid Measures

<b>First Aid for Eye:</b>	In case of contact, flush with plenty of water for at least 15 minutes. Contact a physician if irritation develops.
<b>First Aid for Skin:</b>	In case of skin contact, wash affected areas with soap and water. Contact a physician if irritation develops.
<b>First Aid for Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
<b>First Aid for Ingestion:</b>	Contact poison control center or a physician.
<b>Route(s) of Entry:</b>	Accidental: Eye respiratory tract contact or ingestion– a liquid splash to the eyes or mucous membranes could be irritating to the eye, respiratory or gastrointestinal tract.

### Section 5: Fire Fighting Measures

<b>Flash Point:</b>	N/A
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#### Flammable Limits:

<b>Upper Explosion Limit (UEL %):</b>	N/A
<b>Lower Explosion Limit (LEL %):</b>	N/A
<b>Auto-ignition Temperature:</b>	Not Established
<b><u>Extinguishing Media:</u></b>	
<b>Suitable:</b>	Water, Dry Chemical, Carbon Dioxide, Foam

<b>Special Fire Fighting Procedures:</b>	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
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### Section 6: Accidental Release Measures

<b>Spill or Leak Procedures:</b>	Avoid touching or walking through spilled material. Avoid spilled material from contact with drains, sewers, soil, waterways and soil. Follow all local and state environmental regulations (see Section 13).
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### Section 7: Handling and Storage

<b>Handling Precautions:</b>	Avoid contact with eyes, inhalation or ingestion of this product. Do not eat, drink, smoke, or apply contacts lens or cosmetics when handling this material. Wash hands thoroughly after use and prior to eating, drinking, smoking or applying contacts or cosmetics.
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<b>Storage Precautions:</b>	Store in accordance with local regulations. Do not store with foodstuffs or incompatible chemicals (See Section 10).
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## Section 8: Exposure Controls/Personal Protection

### Personal Protection Equipment

<b>Eye Protection Requirements:</b>	Wear goggles to avoid any splash to the eyes and mucous membranes, flush eyes of affected body part with water if a liquid splash occurs.
<b>Skin Protection Requirements:</b>	Wash hands and face after use and before eating, drinking, using tobacco products or applying contact lenses or cosmetics. Contaminated clothing should be removed and washed separately. Wash affected body area with soap and water to remove residue.
<b>Ventilation Requirements:</b>	Under normal conditions of use, special ventilation is not required.
<b>Respirator Requirements:</b>	Avoid contact with eyes, or ingestion of this product. Use of a respirator is not anticipated, but if required by a risk assessment, wear an approved NIOSH respirator and conform to all OSHA respirator regulations (29 CFR 1910.134).

## Section 9: Physical and Chemical Properties

<b>Physical Form:</b>	Liquid
<b>Color and Pantone:</b>	White
<b>Odor:</b>	Odorless
<b>pH:</b>	3.0
<b>Boiling Point:</b>	Not Applicable
<b>Melting/Freezing Point:</b>	Not Established
<b>Viscosity:</b>	Not Established
<b>Solubility in Water:</b>	Soluble
<b>Specific Gravity:</b>	Not Established
<b>Bulk Density:</b>	Not Established
<b>Vapor Pressure:</b>	Not Established

## Section 10: Stability and Reactivity

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Substances to Avoid:</b>	None known.
<b>Conditions to Avoid:</b>	None known.
<b>Decomposition Products:</b>	None known.

## Section 11: Toxicological Information

### Toxicity Data for

<b>Toxicity Note:</b>	No data available for this product.
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## Section 12: Ecological Information

### Ecological Data for

<b>Ecological Note:</b>	No known effects or significant hazards.
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### Section 13: Disposal Considerations

<b>Waste Disposal Method:</b>	Dispose of in accordance with existing federal, state and local environmental regulations.
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### Section 14: Transportation Information

<b>Technical shipping name:</b>	
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#### Domestic Surface Transportation (DOT)

<b>Hazard Class or Division:</b>	Non-Regulated
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#### Marine Transportation (IMO / IMDG)

<b>Hazard Class Division Number:</b>	Non-Regulated
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#### Air Transportation (ICAO / IATA)

<b>Hazard Class Division Number:</b>	Non-Regulated
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### Section 15: Regulatory Information

#### United States Federal Regulations

<b>OSHA Hazcom Standard Rating:</b>	Not subject to OSHA
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#### CERCLA Hazardous Substance:

<u>Component(s)</u>	<u>Reportable Quantity</u>
None	

#### SARA Title III

##### SARA Section 302 Extremely Hazardous Substances:

<u>Component(s)/</u>	<u>Concentration</u>	
<u>CAS Number</u>	<u>Min.</u>	<u>Max.</u>
Exempt		

<b>SARA Section 311/312 Hazard Categories:</b>	Non-hazardous under Section 311/312
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### Section 16: Other Information

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SDS Version: 1.0

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