



## SAFETY DATA SHEET

<b>SECTION I: PRODUCT IDENTIFICATION</b>														
<p>Product name: Alliance Emerge</p> <p>Active Ingredients: Nutrients and Beneficial Microorganisms</p> <p>Chemical Name: Ammonium nitrate, calcium nitrate, iron, EDTA, sodium molybdate, and <i>Bacillus amyloliquefaciens</i></p> <p>Synonyms: None</p> <p>Name of the Company: Alliance, The Roots of Success</p> <p style="text-align: center;">www.allianceroots.com</p>														
<b>SECTION II. INFORMATION ON THE COMPONENTS</b>														
<p><b>Nutrients:</b></p> <table style="width: 100%; border: none;"> <tr> <td>Nitrogen (N).....</td> <td style="text-align: right;">15%</td> </tr> <tr> <td style="padding-left: 20px;">Nitrogen from Ammonia</td> <td style="text-align: right;">1%</td> </tr> <tr> <td style="padding-left: 20px;">Nitric Nitrogen</td> <td style="text-align: right;">14%</td> </tr> <tr> <td>Calcium (Ca).....</td> <td style="text-align: right;">16%</td> </tr> <tr> <td>Iron (Fe).....</td> <td style="text-align: right;">0.572%</td> </tr> <tr> <td>Manganese (Mn).....</td> <td style="text-align: right;">0.572%</td> </tr> <tr> <td>Molybdenum (Mo).....</td> <td style="text-align: right;">0.015%</td> </tr> </table> <p><b>Beneficial Microbes:</b></p> <p><i>Bacillus amyloliquefaciens</i> ..... 1 x 10<sup>8</sup> spores/lb</p>	Nitrogen (N).....	15%	Nitrogen from Ammonia	1%	Nitric Nitrogen	14%	Calcium (Ca).....	16%	Iron (Fe).....	0.572%	Manganese (Mn).....	0.572%	Molybdenum (Mo).....	0.015%
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<b>SECTION III. HAZARD INFORMATION</b>														
<p>1. Due to acute exposure</p> <ul style="list-style-type: none"> <li>a) Accidental ingestion: It can cause digestive problems</li> <li>b) Inhalation: none</li> <li>c) Skin (contact and absorption): none</li> <li>d) Eyes: light irritation</li> </ul> <p>2. Due to chronic exposure: none</p> <p>3. Chemical substance considered as: none</p> <p style="padding-left: 20px;">STPS (NOM-010-STPS): no</p> <p style="padding-left: 20px;">Source approved: NA</p> <p style="padding-left: 20px;">Additional information: NA</p>														



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### SECTION IV. FIRST AID MEASURES

- a) Contact with the eyes: wash abundantly with water for at least 15 minutes, lifting the eyelids to thoroughly wash the entire eye and connective tissue.
- b) Contact with the skin: wash abundantly with water.
- c) Ingestion: If symptoms persist, consult a doctor
- d) Inhalation: promote the intake of pure air. Consult a doctor in case of complaints.
- e) Other health risks or effects: ND
- f) Data for the doctor: Give symptomatic treatment
- g) Antidote: NA

### SECTION V. MEASURES FOR FIRE EXTINGUISHMENT

- 1. Flammability limit: Not Flammable
- 2. Means of extinction of fires: All means applicable to fires that occur in the surroundings.
- 3. Special fire-fighting procedures: Wear clothing with assisted breathing equipment Unusual fire and explosion hazards: Toxic fumes can be generated at high temperatures.
- 4. Personal protective equipment: glasses, safety gloves
- 5. Conditions that lead to another special risk: ND
- 6. Combustion products harmful to health: ND
- 7. Conditions that lead to another special risk: ND

### SECTION VI. MEASURES FOR ACCIDENTAL LEAK

Before handling the product, it is advisable that the operator has resistant work clothing. Wear natural rubber gloves, safety glasses resistant against chemical projections, closed non-absorbent and low profile footwear. The spilled product must be collected and placed in a waste container. Absorb the waste with an inert material and discard it as if it were a solid.

### SECTION VII. HANDLING AND STORAGE

The product contains nutrients and living organisms and must be stored in the following way to maintain viability:

- 1. Keep the containers closed in a ventilated and shaded environment at a temperature below 26 ° C.



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2. Minimize temperature fluctuations.
3. Avoid freezing the product.
4. Use the product before the expiration date. Note that the expiration date is only valid for sealed containers.

### SECTION VIII. EXPOSURE CONTROLS, PERSONAL PROTECTION

1. Respiratory protection: Those required by working conditions. Wear a respirator approved by MSHA or NIOSH if required.
2. Ventilation: A local ventilation system must be used to keep the work environment safe and comfortable.
3. Protection of the skin and eyes: Wear safety glasses under any condition of product handling. Wear protective gloves under any condition of product handling.
4. Other control measures: Facilities should always be available to wash the eyes and body. Wash thoroughly after handling the product. Do not smoke when handling chemicals.

### SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

1. Boiling temperature (° C): 100 ° C
1. Melting temperature (° C): ND
2. Flash point temperature (° C): NA
3. Autoignition temperature (° C): NA
4. Relative density: ND
5. Vapor density: NA
6. Molecular weight: ND
7. Physical state, color and odor: liquid, coffee, characteristic
8. Evaporation rate: NA
9. Solubility in water: ND
10. Vapor pressure: NA
11. % volatility: NA
12. Flammability or explosive limits:
  - a. Bottom: 0



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b. Superior: 0
<b>SECTION X. STABILITY AND REACTIVITY</b>
<ol style="list-style-type: none"> <li>1. Substance: stable</li> <li>2. Conditions to avoid: excessive moisture and heat during storage</li> <li>3. Incompatibility (substances to be avoided): do not mix with chlorinated water, copper derivatives, bactericides and products containing calcium</li> <li>4. Hazardous decomposition products: none</li> <li>5. Spontaneous polymerization: It cannot occur</li> <li>6. Conditions to avoid: NA</li> </ol>
<b>SECTION XI. TOXICOLOGICAL INFORMATION</b>
The product contains nutrients and living organisms that are naturally found in soils. However, the product is not intended for human consumption or for domestic or breeding animals.
<b>SECTION XII. ECOLOGICAL INFORMATION</b>
The product is not a contaminant of soils, air, rivers, lakes or water deposits. However, do not pour residual fertilizer into rivers, lakes, streams, dams, canals and/or the ocean.
<b>SECTION XIII. CONSIDERATIONS REGARDING THE DISPOSAL OF THE PRODUCT</b>
Handle the empty container and its waste as established by the General Law for the Prevention and Integral Management of Wastes.
<b>SECTION XIV. INFORMATION ABOUT TRANSPORTATION</b>
Name Indicated for shipment: Fertilizer
Hazard Rating for Transportation: Non-Hazardous Product / Non-Regulated
<b>SECTION XV. REGULATORY INFORMATION</b>
It does not qualify as dangerous goods for transport.
<b>SECTION XVI. ADDITIONAL INFORMATION</b>
Alliance believes that the information contained in this Product Safety Data Sheet is true. Users should consider this data before using the product.