

# Material Safety Data Sheet

## 1. Identification of the material and company

Product ID : Water treatment additive <b>HGS-7 “Plus”</b>
Producer/Supplier : <b>HUMIC GROWTH SOLUTIONS</b> 112 Badger Park Drive, Jacksonville, Florida, 32259 USA
Emergency Phone / Fax : (904) 329-1012 / (904) 342-3035

## 2. Composition/Information Ingredients

Component : Selected high potent strains of Bacillus Subtilis, Lactobacillus Lactis, Nitrosomonas sp. Nitrobacter sp., along with suitable activator and carrier
Chemical Abstracts Number (CAS No.) : Unsuitable
Dangerous components : None

## 3. Hazard indication

Adverse Human Health Effects : Could irritate skin, eyes or respiratory track after long periods of exposure
Environmental Effects : None
Physical and Chemical Hazards : None
Special Hazards : None
Cardinal Symptoms : People with sensitive skin, eyes, or respiratory tract problems could develop allergies.

## 4. First Aid Measures

First aid measures for different exposure way: Obtain medical attention immediately if feel ill after the following treatments: · Inhal : Move fast to fresher air · Skin : Wash with water ° · Eye : Flush thoroughly with water for at least 15 minutes ° · Ingest : May cause regurgitation or diarrhea. Drink large amounts of water or milk.
Most important symptoms and hazard effects : May cause skin irritation on open wounds

## 5. Fire Fighting Measure

Suitable extinguishing Media : Non Combustible
Fire and Explosion Hazards : None
Special Fire-Fighting Procedure : -

## 6. Accidental Release Measures

Personal Precautions : Avoid prolong inhalation or exposure to sensitive skin
Environment Precautions : None
Methods for cleaning up : Flush and wash with plenty of water, then discharge into a waste tank.

## 7. Handling and Storage

Handling : Completely Seal unused product in bag after opening, to prevent activation from moisture
Storage : Keep the materials in a cool dry place without direct sunlight. Storage temperature should be kept below 40 degree C.

## 8. Personal Protection

Personal protection: ·Breath : Wear a face mask to prevent excessive inhalation ·Hand : Wear gloves ·Eye : Use general purpose safety glasses ·Skin : Avoid prolonged exposure to sensitive skin or open wounds Hygiene Measure : Wash with water and soap after handling it
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## 9. Physical and Chemical Properties / Characteristics

Appearance : Solid	Form : Powder
Color : Light cream	Odor : Like yeast baking powder
Ph value : -	Boiling Point/Boiling Range : -
Decomposition Temperature : -	Flash Point : -
Auto ignition Temperature : -	Exposure Limits : -
Vapor Pressure : -	Vapor Density : -
Solubility in Water : Slight	

## 10. Stability and Reactivity

Stability : Stable
Stability Materials to avoid : Bactericide(Antibiotics) 、 Bleach(Disinfectant) 、 Strong acids
Hazardous Decomposition Products : -

## 11. Toxicological Information

Acute Toxicity : - Not toxic
Local Effect : Irritant
Sensitization : Skin, Eyes or Respiratory Allergies
Special Effect : -

## 12. Ecological Information

The Product contains processed natural microorganisms. It is <b>Not harmful</b> to the environment.
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## 13. Disposal Information

Waste Disposal Methods : Packaging material should be handled by normal waste disposal laws
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#### 14. Transport Information

United nations number (UN No): **Non-hazard** product. Does not have a UN number

UN Proper shipping name:

Transport hazard class(es): **Non-hazard** product

Packing group number : Non-hazard product

Marine pollutant (YES/ NO):  Yes  NO

Specific transport measures and precautionary conditions: None

THE international transportation of Water Treatment Additive IS NOT REGULATED BY  
The international Air Transport Association or (IATA) AS A HAZARDOUS MATERIAL.

#### 15. Regulation Information

None

#### 16. Other Information

The information provided is given faith and is based on our actual knowledge. This sheet does not exempt the users from knowing and applying all the relevant regulations and from taking all the relevant safety precaution.