Material Safety Data Sheet

TRADE NAME: HUMA GRO® SILICA

Manufacturer: BIO HUMA NETICS, INC.
201 South Roosevelt
Chandler, AZ 85226

COMPOSITION: Proprietary Polymerous Hydrosol Leachate With Sodium silicate.

I. PHYSICAL DATA:

Boiling Point: N.A. **Melting Point**: N/A. **Weight**: 8.94 Lbs per Gallon.

pH: 9.5 @ 68°F **Sp. Gravity:** 1.0671 @ 68°F **Appearance**: Light caramel liquor.

II. ACTIVE INGREDIENTS:

Materials: Silica (SiO_2) 5.00%

III. FIRE AND EXPLOSION DATA:

Flash Pt.: Not applicable. **Flammability Units**: Lower: NA. **Higher**: NA. **Susceptibility to Spontaneous Heating**: None.

Shock Sensitivity: None. **Auto-Ignition Pt.**: NA. **Extinguishing Media**: Water or foam.

Fire/Explosion Hazards: Extreme temperatures may produce toxic oxides. Firefighters should wear NIOSH approved self-contained breathing apparatus, full mask and full protective equipment.

IV. HEALTH HAZARD DATA:

This Product is: Alkaline.

Emergency and First Aid Procedures:

Eyes: Protective plastic goggles or full face shield recommended. In case of contact: Flush eyes with large amounts of water for at least 15 minutes. Eyelids should be held apart intermittently for about 10 to 15 seconds during the flushing to insure contact of the water with all accessible tissue of eyes and lids.

Skin: Impervious gloves and protective clothing strongly recommended. In case of contact: Rinse exposed area immediately and thoroughly with great amounts of clear water for no less than 15 minutes. Pat dry without rubbing. If irritation occurs, seek medical help.

Ingestion: Avoid swallowing this product. In case of accidental ingestion, do not induce vomiting. Seek medical attention. Drink large amounts of clean water while waiting for help. Inform first-aid personnel of the caustic nature of this product.

V. REACTIVITY DATA

Stability: Stable. **Hazardous Decomposition Products (fire)**: ND

Incompatibilities: Highly concentrated acid solutions and metals such as aluminum, brass, bronze, galvanized zinc, tin and copper.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: If this product is mixed with incompatible materials or chemicals, a chemical change may occur in which there is a production of heat or in which insoluble particles are formed. The use of common sense and good judgment should be incorporated in handling this or any agricultural, garden or turf fertilizer.

VI. SPILL AND DISPOSAL PROCEDURES:

In case of spill or release: If uncontaminated, recover and reuse. If the product has become contaminated, the spillage or release should be flushed with large amounts of water. Do not release this or any chemical product into service or sewer systems.

Waste Disposal Method: To be performed in compliance with current Local, State and Federal regulations.

VII. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: None required. **Ventilation:** Good ventilation practices encouraged.

Protective Equipment:

Gloves: Impervious gloves and protective clothing strongly recommended.

Eyes: Protective safety goggles or full face shield recommended.

VIII. SPECIAL PRECAUTIONS:

Precautionary Labeling: None required.

Other Handling and Storage Conditions: Keep container upright, tightly closed and stored in a cool, dry area away from heat-producing devices. Extreme conditions (cold/hot) may hamper product's integrity. Keep away from children and/or persons with inadequate knowledge of proper handling.

Waiver: The information in this MSDS was obtained from current, reliable sources and intended for persons having related technical skills. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe co ditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use.

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