



# Material Safety Data Sheet

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

## TRADE NAME: HUMA GRO® START-D

**COMPOSITION:** Proprietary Inorganic Mineral Complex Formulation With Inorganic Salts of Cobalt and Molybdenum.

### I. PHYSICAL DATA:

**Boiling Point:** N.A.                      **Melting Point:** N/A.                      **Weight:** 25 lbs. dry weight  
**pH:** NA                                      **Sp. Gravity:** NA                                      **Appearance:** Dry, light gray powder.

### II. ACTIVE INGREDIENTS:

**Materials:**

Cobalt (Co)	5.00%
Molybdenum (Mo)	0.10%

### 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:** Non combustible

**Fire/Explosion Hazards:** ND

**Conditions to Avoid:** Excessive heat, fires

### IV. HEALTH HAZARD DATA:

**Effects of Overexposure:** No known toxicity. Some eye irritation could occur.                      **TLV:** None established.

#### **Emergency and First Aid Procedures:**

**Eyes:** Protective safety goggles recommended.

**Skin:** Impervious gloves and protective clothing suggested. In case of contact, wash area with soapy water. Rinse with clear water and pat dry without rubbing.

**Ingestion:** All precautions should be taken to avoid swallowing this product. In case of accidental ingestion, drink large amounts of clean water. Induce vomiting.

### V. REACTIVITY DATA

**Stability:** Stable.                                      **Hazardous Decomposition Products (fire):** Not Known

**Incompatibilities:** Aluminum chloride. Follow instructions carefully.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Do not mix with incompatible products such as Aluminum chloride. Do not expose to fires. The use of common sense and good judgment should be incorporated in handling this or any other agricultural, garden or turf product.

### VI. SPILL AND DISPOSAL PROCEDURES:

**In case of spill or release:** If uncontaminated, recover and reuse. Do not release into service drainage or sewer systems

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

### VII. SPECIAL PROTECTION INFORMATION:

**Respiratory Protection:** If this product is to be used in a closed or poorly ventilated area, personnel should wear an approved NIOSH dust face mask.

**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:** Do not store in pressurized tanks. Keep container tightly closed in a cool, dry area away from heatproducing devices. Extreme temperature 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 conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use.

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