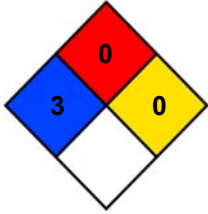




# SAFETY DATA SHEET HUMA GRO® Breakout



HMIS	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PPE	D

## SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

<b>PRODUCT IDENTIFIER:</b>	<b>HUMA GRO® Breakout</b>	<b>Product# 175</b>
<b>GENERAL USE:</b>	Used as a part of a plant nutrition program.	
<b>PRODUCT DESCRIPTION:</b>	A clear to slightly hazy, dark brown liquid having a slight characteristic odor.	
<b>SUPPLIER INFORMATION:</b>	Bio Huma Netics, Inc. 1331 W Houston Avenue Gilbert, AZ 85233	<b>EMERGENCY PHONE NUMBERS</b>
For Additional SDS call:	PHONE: (480) 961-1220	
		<b>CHEMTREC: (In the USA) 800-424-9300 (International) 703-527-3887</b>

## SECTION 2: HAZARDS IDENTIFICATION

**HAZARDS OVERVIEW:**

A clear to slightly hazy, dark brown, acidic liquid having a slight characteristic odor. The liquid may be severely irritating or corrosive to all tissues contacted. Exposure to this product's mists may cause severe irritation or burns to the eyes, skin and respiratory tract. Ingestion may cause damage to the gastrointestinal tract. **The NIOSH I. D. L. H. for Phosphoric Acid is: 1,000 mg/m<sup>3</sup>**



**CLASSIFICATION:** SKIN CORROSION – CATEGORY 1A

**SIGNAL WORD:** DANGER

**HAZARD STATEMENT:** H314; causes severe skin burns and eye damage

**PRECAUTIONARY STATEMENT:** P260; Do not breathe dusts/mist/vapors. P280; Wear protective gloves/protective clothing/eye protection/face protection P264; Wash hands thoroughly after handling

## SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH		OSHA	
				TLV <sub>(TWA)</sub>	STEL	PEL <sub>(TWA)</sub>	STEL
Phosphoric Acid	7664-38-2	Corrosive; Lung Toxin	18 ± 2	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	None
Urea	57-13-6	Eye Irritant; Slight to Moderate Skin & Respiratory Irritant; Slightly Toxic by Chronic Dermal Contact & Inhalation, with Cardiovascular & Central Nervous System effects.	11 ± 2	None	None	None	None
Ammonium Sulfate	7783-20-2	Eye, Ski & Respiratory Irritant	4 ± 1	None	None	None	None
Potassium Carbonate	584-08-7	Eye, Skin	4 ± 1	2 mg/m <sup>3</sup>	None	None	None
Hydrogen Peroxide	7722-84-1	Oxidizer; Lung toxin; IARC – Suspected Carcinogen	0.46 ± 0.1	1 ppm (A3)	None	1 ppm	None

NDA = No Data Available

N/A = Not Applicable

#### SECTION 4: FIRST AID MEASURES

<b>INHALATION:</b>	If inhaled, immediately move to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; use the Holger Nielsen method (back pressure-arm lift) or proper respiratory device. If breathing is difficult, give oxygen. Call a physician.
<b>EYE CONTACT:</b>	In case of contact, immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses, if worn. Get medical attention immediately.
<b>SKIN CONTACT:</b>	In case of contact, immediately flush skin with plenty of clean running water for at least 15 minutes, while removing contaminated clothing and shoes. If burn or irritation occurs, call a physician.
<b>INGESTION:</b>	If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person.
<b>NOTE TO PHYSICIANS:</b>	Phosphoric Acid has a low oral toxicity, but it can be severely irritating and/or corrosive to the eyes, skin and mucous membranes. If ingested, consideration should be given to careful endoscopy as stomach or esophageal burns, perforations or strictures may occur. Careful gastric lavage with an endotracheal tube in place should be considered. Treat exposure symptomatically.

#### SECTION 5: FIRE FIGHTING MEASURES

<b>Flashpoint and Method:</b>	This product does not flash.		
<b>Flammable Limits (in air, % by volume)</b>	<b>Lower:</b> Not applicable	<b>Upper:</b> Not applicable	
<b>Autoignition Temperature:</b>	Not applicable		
<b>GENERAL HAZARD:</b>	This product is an aqueous, acidic solution of organic and inorganic compounds. This product is not combustible, but it may generate flammable / explosive Hydrogen gas on contact with Aluminum and some other metals. The Uniform Fire Code health hazard classification for this product is: <b>Corrosive (Acidic)</b> . Dilute solutions of this product may also be corrosive. It may produce hazardous decomposition products.		
<b>FIRE FIGHTING INSTRUCTIONS:</b>	<b>EXTINGUISHING MEDIA:</b> Water, foam, CO <sub>2</sub> or dry chemicals. Use a water spray or fog to cool the containers exposed to the heat of a fire.		
<b>FIRE FIGHTING EQUIPMENT:</b>	Fire fighters should wear full protective equipment, including self-contained breathing apparatus.		
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	When heated to dryness and decomposition, it emits toxic Ammonia gas, carbon monoxide, carbon dioxide, phosphorus oxides, nitrogen oxides, sulfur oxides, potassium oxide, zinc oxide and boron oxide with trace or ultra-trace toxic oxide amounts, of, iron, manganese, magnesium, calcium and sodium.		

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>RELEASE TO LAND:</b>	Wearing recommended protective equipment and clothing, dike the spill and pick up the bulk of liquid using pumps or a vacuum truck, or absorb the liquid in sand or a commercial absorbent. Place in approved containers for recovery, disposal, or satellite accumulation. Neutralize the acidity, of the remaining liquid, using lime, Sodium Bicarbonate, or other agent appropriate for neutralizing acidic liquids, that will not liberate large amounts of Ammonia gas. Flush the spill area with water; collect the rinsates for disposal or sewer, as appropriate. If Ammonia gas is being liberated from a spill, then an inhalation hazard is present. When an inhalation hazard is indicated, respiratory equipment (a full facepiece respirator with an Ammonia gas cartridge or supplied air) is required during the clean-up of the spill.
<b>RELEASE TO WATER:</b>	Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream users of possible contamination.

#### SECTION 7: HANDLING AND STORAGE

<b>STORAGE TEMPERATURE:</b>	Ambient	<b>STORAGE PRESSURE:</b>	Ambient
<b>GENERAL:</b>	Store in a cool, dry, well-ventilated area, away from incompatible materials and products. Protect eyes, skin and clothing from contact with product. Wear recommended personal protective equipment when handling this product. Avoid breathing vapors or mists. Use with adequate ventilation. Do not take internally. Keep the container tightly closed when not in use. Wash thoroughly after handling this product.		

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**CONTROL MEASURES:** Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions, in the work area, above the ACGIH-TLV, OSHA-PEL, AIHA WEEL or levels that may cause irritation.

### RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATOR:** For exposure above the ACGIH-TLV, AIHA-WEEL or OSHA-PEL, wear a NIOSH-approved full facepiece or half mask air-purifying cartridge respirator equipped with a good mist / particulate filter cartridge or supplied air. **Note:** Always consult the respirator manufacturer's data when determining the suitability of respiratory protective devices prior to use.

**EYES:** Wear chemical goggles (recommended by ANSI Z87.1-1979), unless a full face respirator is worn. **Note:** Always consult the protective eyewear manufacturer's data when determining the suitability of protective eyewear prior to use.

**GLOVES:** Wear Neoprene, Nitrile, Butyl Rubber or Natural Rubber gloves. **Note:** Always consult the glove manufacturer's permeation data when determining the suitability of gloves prior to use.

**CLOTHING & EQUIPMENT:** Wear a Neoprene, Nitrile, Butyl Rubber or Natural Rubber apron, or full protective clothing when handling this product. An eye wash station and safety shower should be available in the work area. **Note:** Always consult the clothing/equipment manufacturer's permeation data when determining the suitability of clothing/equipment prior to use.

**FOOTWEAR:** Wear Neoprene, Nitrile, Butyl Rubber or Natural Rubber boots. **Note:** Always consult the footwear manufacturer's permeation data when determining the suitability of footwear prior to use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to slightly hazy, dark brown	<b>Bulk Density (pounds/ft<sup>3</sup>):</b>	Not applicable
<b>Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Slight, characteristic	<b>Vapor Density (air=1):</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate (n-Butyl Acetate=1):</b>	Less than 1
<b>Molecular Formula:</b>	Mixture	<b>VOC Content / Organic Matter:</b>	Nil / 11.18%
<b>Molecular Weight:</b>	Not applicable	<b>% Volatile:</b>	Approximately 63
<b>Boiling Point:</b>	Greater than 100° C. (212° F.)	<b>Solubility in H<sub>2</sub>O:</b>	Soluble
<b>Freezing/Melting Point:</b>	Less than 0° C. (32° F.)	<b>Octanol/Water Partition Coefficient:</b>	No data available
<b>Specific Gravity:</b>	1.20 – 1.40 @ 20° C.	<b>pH (as is):</b>	1.5 to 2.5
<b>Density (pounds/gallon):</b>	Approximately 10.77	<b>pH (1% solution):</b>	No data available

## SECTION 10: STABILITY AND REACTIVITY

**GENERAL:** This product is stable and hazardous polymerization will not occur.

**CONDITIONS TO AVOID:** Do not store this product below 50° F (10° C) or above 90° F (30° C)

**INCOMPATIBLE MATERIAL:** Strong alkali & caustics, reducing agents, oxidizers, Aluminum, Magnesium, Zinc and alloys of these metals

**HAZARDOUS DECOMPOSITION PRODUCTS:** When heated to dryness and decomposition, it emits toxic Ammonia gas, with toxic oxides of carbon, phosphorus, nitrogen, sulfur, potassium, zinc and boron plus trace or ultra-trace toxic oxide amounts, of, iron, manganese, magnesium, calcium and sodium.

**SENSITIVITY TO MECHANICAL IMPACT:** This product is not sensitive to mechanical impact.

**SENSITIVITY TO STATIC DISCHARGE:** This product is not sensitive to static discharge.

## SECTION 11: TOXICOLOGICAL INFORMATION

Components:	<u>Urea</u>	<u>Phosphoric Acid</u>
<b>Eye Contact:</b>	No data available	Rabbit: 119 mg; Severe
<b>Skin Contact:</b>	No data available	Rabbit: 595 mg/24 hours; Severe
<b>Oral Rat LD<sub>50</sub>:</b>	8,471 mg/kg	1,530 mg/kg
<b>Dermal Rabbit LD<sub>50</sub>:</b>	No data available (Rabbit, Subcutaneous LD <sub>50</sub> : 3 gm/kg)	2,740 mg/kg
<b>Inhalation Rat LC<sub>50</sub>:</b>	No data available (Rat, Inhalation, Chronic – Multiple Dose, 288 mg/m <sup>3</sup> /17 weeks; Toxic effects: Kidney, Ureter & Bladder – Other changes in urine composition; Blood – Other changes; Nutritional and gross metabolic changes.)	Greater than 850 mg/m <sup>3</sup> /1 hour
<b>Human Data:</b>	Human: 22 mg/3 days; Mild	Unreported Route Man LD <sub>50</sub> : 220 mg/kg
<b>Other Toxicological Data:</b>	Rat, Dermal, Chronic – Multiple Dose, 3,024 mg/kg/4 weeks; Toxic effects: Liver – Changes in Liver weight; Endocrine – Changes in Thymus weight; Death.	Oral Man TD <sub>50</sub> : 1,286 uL/kg
<b>Carcinogenicity:</b>	Oral Rat TD <sub>50</sub> : 821 gm/kg/1 year; Tumorigenic – Neoplastic by RTECS criteria; Blood – Tumors; Blood – Lymphomax including Hodgkin's disease.	No data available
<b>Teratogenicity:</b>	Intraplacental Woman TD <sub>50</sub> : 1,400 mg/kg (female 16 Weeks pregnant); Effects on Fertility - Abortion	No data available
<b>Mutagenicity:</b>	Human DNA Inhibition; lymphocyte: 600 mmol/Liter	No data available
<b>Synergistic Products:</b>	None reported	None reported
<b>Target Organs:</b>	Eyes, Skin, Mucous membranes, Lungs, Cardiovascular & Central Nervous Systems	Eyes, Skin, Mucous membranes, Lungs & Gastrointestinal tract
<b>Medical Conditions Aggravated By Exposure:</b>	Skin, Respiratory or Cardiac disorders	Skin, Respiratory or Gastrointestinal disorders
Components:	<u>Ammonium Sulfate</u>	<u>Potassium Carbonate</u>
<b>Eye Contact:</b>	No data available	No data available
<b>Skin Contact:</b>	No data available	No data available
<b>Oral Rat LD<sub>50</sub>:</b>	2,840 mg/kg	1,870 mg/kg
<b>Dermal Rabbit LD<sub>50</sub>:</b>	No data available	Greater than 2,000 mg/kg
<b>Inhalation Rat LC<sub>50</sub>:</b>	No data available	No data available
<b>Human Data:</b>	Oral Man TD <sub>50</sub> : 1,500 mg/kg (Gastrointestinal effects)	No data available
<b>Other Toxicological Data:</b>	Intraperitoneal Mouse LD <sub>50</sub> : 610 mg/kg	No data available
<b>Carcinogenicity:</b>	No data available	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
<b>Teratogenicity:</b>	No data available	No data available
<b>Mutagenicity:</b>	No data available	No data available
<b>Synergistic Products:</b>	None reported	None reported
<b>Target Organs:</b>	Eyes, Skin, Mucous membranes, Lungs & Central Nervous System	Eyes, Skin
<b>Medical Conditions Aggravated By Exposure:</b>	Skin or Respiratory disorders	Eye and skin

## SECTION 11: TOXICOLOGICAL INFORMATION (Continued from Page 4)

<b>Components:</b>	<u>Hydrogen Peroxide</u>
<b>Eye Contact:</b>	No data available
<b>Skin Contact:</b>	No data available
<b>Oral Rat LD<sub>50</sub>:</b>	1,518 mg/kg (8 – 20% solution)
<b>Dermal Rabbit LD<sub>50</sub>:</b>	No data available
<b>Inhalation Rat LC<sub>50</sub>:</b>	2 gm/m <sup>3</sup> /4 hours
<b>Human Data:</b>	Oral Man LD <sub>Lo</sub> : 1,429 mg/kg (30% solution)
<b>Other Toxicological Data:</b>	Dermal Rat LD <sub>50</sub> : 4,060 mg/kg (90% solution)
<b>Carcinogenicity:</b>	Oral Mouse TD <sub>Lo</sub> : 622 gm/kg/2 Years-Continuous; Tumorigenic – Carcinogenic by RTECS criteria; Gastrointestinal - Tumors (30% solution)
<b>Teratogenicity:</b>	No data available
<b>Mutagenicity:</b>	Human DNA Damage; lymphocyte: 9 umol/Liter
<b>Synergistic Products:</b>	None reported
<b>Target Organs:</b>	Eyes, Skin, Mucous membranes, Lungs, Gastrointestinal tract & Central Nervous System
<b>Medical Conditions Aggravated By Exposure:</b>	Skin, Respiratory or Gastrointestinal disorders

## SECTION 12: ECOLOGICAL INFORMATION

### ENVIRONMENTAL FATE:

This product is soluble in water and may significantly affect the pH of water. No specific environmental fate data is available.

### ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product is related to the pH of the water. For Rainbow trout, the reported LC<sub>50</sub> is about a pH of 4.0 for a 7 day bioassay. Other species may vary a bit from this pH level, but all are susceptible to acidic pH conditions.

## SECTION 13: DISPOSAL CONSIDERATIONS

**RCRA 40 CFR 261 CLASSIFICATION:** Non-RCRA Hazardous Waste (United States)

**U.S. EPA WASTE NUMBER/DESCRIPTION:** Not Applicable

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of a hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D due to toxicity. As a non-RCRA hazardous liquid waste, it should be disposed of in accordance with all local, state, and federal regulations. Consult state or local officials for proper disposal method.

## SECTION 14: TRANSPORTATION INFORMATION

**DOT PROPER SHIPPING NAME:** Phosphoric Acid, Solution  
**Hazard Class:** 8      **UN Number:** UN1805      **Packing Group:** III  
**Primary Label:** Corrosive      **Subsidiary Label(s):** None  
**Primary/Subsidiary Placards:** Corrosive

**DOT Reportable Quantity (RQ):** 5,000 lbs. (H3PO4)      **RQ for Product:** 125,000 lbs. (11,505 gal.)

**Marine Pollutant:** No

**2012 North American Emergency Response Guidebook No.:** 154

**TDG PROPER SHIPPING NAME:** Phosphoric Acid, Liquid  
**Hazard Class:** 8      **UN Number:** UN1805      **Packing Group:** III  
**Primary Label:** Corrosive      **Subsidiary Label(s):** None  
**Primary/Subsidiary Placards:** Corrosive

**TDG Reportable Quantity (RQ): \*** At least 5kg or 5 liters

**TDG Schedule XII:** Not listed

**Regulated Limit (RL): \*\*** 230kg (H3PO4)      **RL for Product:** 5,750kg (4,416 liters)

**Other Shipping Information:** None

\* Canadian Transportation of Dangerous Goods Regulations (TDGR), Part IX, Table I, Quantities or levels for Immediate Reporting: releases of reportable quantities, RQ, that meet the definition of a "dangerous occurrence" (a threat to life, health, property, or the environment) must be reported to the appropriate authorities as outlined in TDGR 9.13(1) and 9.14(1). \*\* Reporting to Environment Canada is required for any releases exceeding the regulated limits, RL, of 9.2 materials (primary or secondary). The regulated limits are found in Schedule XIII of the TDGR.

## SECTION 15: REGULATORY INFORMATION

<b>COMPONENTS:</b>	<u>Urea</u>	<u>Phosphoric Acid</u>	<u>Ammonium Sulfate</u>	<u>Potassium Carbonate</u>
<b><u>OSHA Target Organs:</u></b>	Eyes, Skin, Mucous membranes, Lungs, Cardiovascular & Central Nervous Systems	Eyes, Skin, Mucous membranes, Lungs & Gastrointestinal tract	Eyes, Skin, Mucous membranes, Lungs & Central Nervous System	Eyes, Skin
<b><u>Carcinogenic Potential:</u></b>				
<b>Regulated by OSHA:</b>	No	No	No	No
<b>Listed on NTP Report:</b>	No	No	No	No
<b>Listed by IARC:</b>	No	No	No	No
IARC Group:	Not applicable	Not applicable	Not applicable	Not applicable
<b>ACGIH Appendix A:</b>	Not listed	Not listed	Not listed	Not listed
A1 Confirmed Human:	Not applicable	Not applicable	Not applicable	Not applicable
A2 Suspected Human:	Not applicable	Not applicable	Not applicable	Not applicable

### U.S. EPA Requirements

#### Release Reporting

##### CERCLA (40 CFR 302)

<b>Listed Substance:</b>	Not listed	Yes	Not listed	Not listed
Reportable Quantity:	Not applicable	5,000 pounds	Not applicable	Not applicable
Category:	Not applicable	D	Not applicable	Not applicable
RCRA Waste No.:	Not applicable	Not listed	Not applicable	Not applicable
<b>Unlisted Substance:</b>	Not applicable	Not applicable	Not applicable	Not applicable
Reportable Quantity:	Not applicable	Not applicable	Not applicable	Not applicable
Characteristic:	Not applicable	Not applicable	Not applicable	Not applicable
RCRA Waste No.:	Not applicable	Not applicable	Not applicable	Not applicable

### SARA TITLE III

#### Section 302 & 303 (40 CFR 355):

<b>Listed Substance:</b>	Not listed	Not listed	Not listed	Not listed
Reportable Quantity:	Not applicable	Not applicable	Not applicable	Not applicable
Planning Threshold:	Not applicable	Not applicable	Not applicable	Not applicable

## SECTION 15: REGULATORY INFORMATION (Continued from Page 6)

COMPONENTS:	<u>Urea</u>	<u>Phosphoric Acid</u>	<u>Potassium Carbonate</u>
<b>Section 311 &amp; 312 (40 CFR 370):</b>			
Hazard Categories (product):	Fire: <b>N</b>	Sudden Release of Pressure: <b>N</b>	Reactive: <b>N</b> Acute Health: <b>Y</b> Chronic Health: <b>N</b>
Planning threshold:	10,000 pounds	10,000 pounds	10,000 pounds
<b>Section 313 (40 CFR 372):</b>			
<b>Listed Toxic Chemical:</b>	Not listed	No (Delisted in June 2000)	10,000 pounds
Reporting Threshold:	Not applicable	Not applicable	Not Listed

### U.S. TSCA Status

**Listed (40 CFR 710):** Yes Yes Yes

### State Regulations

**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):**

Carcinogen: No No No  
 Reproductive Toxin: No No No

### Other Regulations

**State Right To Know Laws:** MA, NJ, PA MA, PA, NJ, CA

### Canadian Regulations

**Product Information:**

Controlled Product: Yes  
 WHMIS Hazard Symbols: *Corrosive Material*  
 WHMIS Class & Division: **E**

**Ingredient Information:**

IDL Substance: No No No  
 DSL or NDSL Lists: DSL DSL DSL

### COMPONENTS: Hydrogen Peroxide

**OSHA Target Organs:** Eyes, Skin, Mucous membranes, Lungs, Gastrointestinal tract & Central Nervous System

**Carcinogenic Potential:**

**Regulated by OSHA:** No  
**Listed on NTP Report:** No  
**Listed by IARC:** Yes  
 IARC Group: Group 3  
**ACGIH Appendix A:** Yes (A3)  
 A1 Confirmed Human: Not applicable  
 A2 Suspected Human: Not applicable

### U.S. EPA Requirements

**Release Reporting**

**CERCLA (40 CFR 302)**

**Listed Substance:** Not listed  
 Reportable Quantity: Not applicable  
 Category: Not applicable  
 RCRA Waste No.: Not applicable  
**Unlisted Substance:** Yes  
 Reportable Quantity: 100 pounds  
 Characteristic: Reactivity  
 RCRA Waste No.: D001

## SECTION 15: REGULATORY INFORMATION (continued from page 7)

**COMPONENTS:** Hydrogen Peroxide

### SARA TITLE III

**Section 302 & 303** (40 CFR 355):

**Listed Substance:** Not listed  
**Reportable Quantity:** Not applicable  
**Planning Threshold:** Not applicable

**Section 311 & 312** (40 CFR 370):

**Planning threshold:** 10,000 pounds

**Section 313** (40 CFR 372):

**Listed Toxic Chemical:** Not listed  
**Reporting Threshold:** Not applicable

### U.S. TSCA Status

**Listed** (40 CFR 710): Yes

### State Regulations

**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):**

**Carcinogen:** No  
**Reproductive Toxin:** No

### Other Regulations

**State Right To Know Laws:**

### Canadian Regulations

**Product Information:**

**Controlled Product:** Yes  
**WHMIS Hazard Symbols:** Corrosive Material  
**WHMIS Class & Division:** E

**Ingredient Information:**

**IDL Substance:** Yes  
**DSL or NDSL Lists:** DSL

## SECTION 16: OTHER INFORMATION

**EPA Registration number:** Not applicable

**Approved Product Uses:** Used as part of a plant nutrition program.

### Special Notes:

This product is not manufactured, or formulated to contain substances, which the State of California has found to cause cancer and/or birth defects or other reproductive harm. However, as it contains mined minerals, this product may contain trace (parts per million) or ultra-trace (parts per billion) of elements known to the State of California to cause cancer, birth defects or other reproductive harm.

### Special Instructions:

Store Breakout in a cool, dry, well-ventilated area away from incompatible materials and products. Do not add this product to strong alkali or caustic materials, as this will liberate a large amount of heat and toxic, corrosive Ammonia gas.

**SDS Revision Information:** Revised Date: 11/15/17

**SDS Distributed by:** Bio Huma Netics, Inc.

**Prepared By:** Frank S. Pidgeon, Sr. EHSS Director

**Date Prepared:** October 20, 2014

This Safety Data Sheet is provided as an information resource only. It should not be taken as a warranty or representation for which Bio Huma Netics, Inc. assumes legal liability. While Bio Huma Netics, Inc. believes the information contained herein is accurate and compiled from sources believed to be reliable, it is the responsibility of the user to investigate and verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with applicable federal, state, and local regulations.