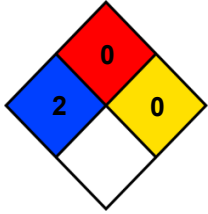


SAFETY DATA SHEET

Phyto Max



| HMIS | |
|-----------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PPE | B |

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

| | | |
|---------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| PRODUCT IDENTIFIER: | Probiotic Solutions® Phyto Max | Product# 500 |
| GENERAL USE: | Used as a balanced food source to create healthy green phytoplankton growth in open water | |
| PRODUCT DESCRIPTION: | A dark, reddish brown liquid having no characteristic odor. | |
| SUPPLIER INFORMATION: | Huma INC. 1331 W Houston Avenue Gilbert, AZ 85233 | EMERGENCY PHONE NUMBERS |
| For Additional SDS call: | PHONE: (480) 961-1220 | CHEMTREC: (In the USA) 800-424-9300 (International) 703-527-3887 |

SECTION 2: HAZARDS IDENTIFICATION

| | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HAZARDS OVERVIEW: | A dark reddish, brown slightly liquid having no characteristic odor. The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal irritation, cardiovascular and central nervous system effects. |
| CLASSIFICATION: | HAZARD CATEGORY 5 - MAY BE HARMFUL IF SWALLOWED |
| SIGNAL WORD: | WARNING |
| HAZARD STATEMENT: | H303 - WARNING – may be harmful if swallowed |
| PRECAUTIONARY STATEMENT: | P312; Call a poison center/doctor/physician if you feel unwell |

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

| COMPONENT | CAS # | OSHA HAZARD | WT % | ACGIH | | OSHA | |
|-------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------|------|----------------------|------|
| | | | | TLV _(TWA) | STEL | PEL _(TWA) | STEL |
| 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. | 20 ± 2 | None AIHA WEEL: 10 mg/m ³ | None | None | None |
| Ammonium Nitrate | 6484-52-2 | Oxidizer; Eye, Skin & Respiratory Irritant; Blood toxin | 19 ± 2 | None | None | None | None |
| Monopotassium Phosphate | 7778-77-0 | Eye, Skin & Respiratory Irritant | 2 ± 0.5 | None | None | None | None |
| Ammonium Sulfate | 7783-20-2 | Eye, Skin & Respiratory Irritant | 1 ± 0.25 | None | None | None | None |
| Diammonium Phosphate | 7783-28-0 | Eye Irritant; Slight to Moderate Skin & Respiratory Irritant; Slightly Toxic by Ingestion: Central Nervous System toxin | 1 ± 0.25 | None | None | None | None |
| Monoammonium Phosphate | 7722-76-1 | Eye, Skin & Respiratory Irritant; Central Nervous System toxin | 0.7 ± 0.1 | None | None | None | None |
| Cobalt Chloride | 7646-79-9 | Eye, Skin & Respiratory Irritant; Toxic by Ingestion; Possible Human Carcinogen - IARC | 0.16 ± 0.1 | 0.02 mg/m ³ (as Co) (A3) | None | None | None |

NDA = No Data Available N/A = Not Applicable

SECTION 4: FIRST AID MEASURES

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INHALATION: | 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. |
| EYE CONTACT: | 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. |
| SKIN CONTACT: | 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. |
| INGESTION: | If large quantities of this product are swallowed, call a physician immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. |
| NOTE TO PHYSICIANS: | Based on component information, this product is slightly toxic by ingestion. If a large amount is ingested, consideration should be given to careful endoscopy as stomach or esophageal irritation may occur, with possible central nervous system effects following absorption into the blood stream. Careful gastric lavage with an endotracheal tube in place should be considered. Treat exposure symptomatically. |

SECTION 5: FIRE FIGHTING MEASURES

| | | | |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|
| Flashpoint and Method: | This product does not flash. | | |
| Flammable Limits (in air, % by volume) | Lower: Not applicable | Upper: Not applicable | |
| Autoignition Temperature: | Not Determined | | |
| GENERAL HAZARD: | This product is an aqueous solution of organic and inorganic compounds. The Uniform Fire Code health hazard classification for this product is: Irritant . It may produce hazardous decomposition products. | | |
| FIRE FIGHTING INSTRUCTIONS: | EXTINGUISHING MEDIA: Water, foam, CO ₂ or dry chemicals. Use a water spray or fog to cool the containers exposed to the heat of a fire. | | |
| FIRE FIGHTING EQUIPMENT: | Fire fighters should wear full protective equipment, including self-contained breathing apparatus. | | |
| HAZARDOUS COMBUSTION PRODUCTS: | When heated to dryness and decomposition, it emits toxic Ammonia gas with toxic carbon monoxide, carbon dioxide, phosphorus oxides, nitrogen oxides, potassium oxide and calcium oxide with trace toxic oxide amounts of sulfur, iron, zinc, manganese, magnesium, sodium and cobalt plus irritating smoke. | | |

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELEASE TO LAND: | Wearing recommended protective equipment and clothing, dike the spill and pick up the bulk of the liquid using pumps or vacuum truck for disposal in accordance with Federal, State and local regulations. Absorb the remaining liquid using sand, or commercial absorbent; dispose as Federal, State and local requirements dictate. Flush the spill area with water; collect the rinsates for disposal as the regulations require. |
| RELEASE TO WATER: | 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

| | | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|
| STORAGE TEMPERATURE: | Ambient | STORAGE PRESSURE: | Ambient |
| GENERAL: | 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, below the OSHA-PEL, ACGIH-TLV or levels that may cause irritation.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR: Respiratory protection is not normally required. If use produces mists that may cause irritation, a NIOSH approved half mask or full facepiece respirator equipped with a good mist / particulate cartridge or supplied air is recommended. **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 facepiece 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 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: In cleaning up a spill or if contact is likely 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

| | | | |
|---------------------------------|--------------------------------|----------------------------------------------|-------------------|
| Appearance: | Dark reddish, brown | Bulk Density (pounds/ft³): | Not applicable |
| Physical State: | Liquid | Vapor Pressure: | No data available |
| Odor: | No characteristic | Vapor Density (air=1): | No data available |
| Odor Threshold: | No data available | Evaporation Rate (n-Butyl Acetate=1): | Less than 1 |
| Molecular Formula: | Mixture | VOC Content: | Not applicable |
| Molecular Weight: | Not applicable | % Volatile: | Approximately 49 |
| Boiling Point: | Greater than 100° C. (212° F.) | Solubility in H₂O: | Soluble |
| Freezing/Melting Point: | Less than 0° C. (32° F.) | Octanol/Water Partition Coefficient: | No data available |
| Specific Gravity: | Approximately 1.210 @ 20° C. | pH (as is): | 6.3 to 6.5 |
| Density (pounds/gallon): | Approximately 10.09 | pH (1% solution): | 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: Oxidizers, reducing agents, caustics & strong alkali and readily oxidized materials.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to dryness and decomposition, it emits toxic Ammonia gas and chloride compounds plus toxic oxides of carbon, nitrogen and cobalt with trace or ultra-trace toxic oxide amounts, of, iron, sulfur, manganese, magnesium, potassium, calcium, phosphorus, boron, zinc 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>Ammonium Nitrate</u> |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Eye Contact: | No data available | No data available |
| Skin Contact: | No data available | No data available |
| Oral Rat LD₅₀: | 8,471 mg/kg | 2,217 mg/kg |
| Dermal Rabbit LD₅₀: | No data available (Rabbit, Subcutaneous LD ₅₀ : 3 gm/kg) | No data available |
| Inhalation Rat LC₅₀: | No data available (Rat, Inhalation, Chronic – Multiple Dose, 288 mg/m ³ /17 weeks; Toxic effects: Kidney, Ureter & Bladder – Other changes in urine composition; Blood – Other changes; Nutritional and gross metabolic changes.) | No data available |
| Human Data: | Dermal Human Standard Draize Test: 22 mg/3 days; Mild | No data available |
| Other Toxicological Data: | Rat, Dermal, Chronic – Multiple Dose, 3,024 mg/kg/4 weeks; Toxic effects: Liver – Changes in Liver weight; Endocrine – Changes in Thymus weight; Death. | No data available |
| Carcinogenicity: | Oral Rat TD _{Lo} : 821 gm/kg/1 year; Tumorigenic – Neoplastic by RTECS criteria; Blood – Tumors; Blood – Lymphomax including Hodgkin's disease. | No data available |
| Teratogenicity: | Intraplacental Woman TD _{Lo} : 1,400 mg/kg (female 16 Weeks pregnant); Effects on Fertility - Abortion | No data available |
| Mutagenicity: | Human DNA Inhibition; lymphocyte: 600 mmol/Liter | No data available |
| Synergistic Products: | None reported | None reported |
| Target Organs: | Eyes, Skin, Mucous membranes, Lungs, Cardiovascular & Central Nervous Systems | Eyes, Skin, Mucous membranes, Lungs & Blood |
| Medical Conditions Aggravated By Exposure: | Skin, Respiratory or Cardiac disorders | Skin or Respiratory disorders |
| Components: | <u>Monopotassium Phosphate</u> | <u>Ammonium Sulfate</u> |
| Inhalation Rat LC₅₀: | No data available | No data available |
| Human Data: | No data available | No data available |
| Other Toxicological Data: | No data available (Oral Rat LD _{Lo} : 4,640 mg/kg) | 2,840 mg/kg |
| Carcinogenicity: | Greater than 4,640 mg/kg | No data available |
| Teratogenicity: | No data available | No data available |
| Mutagenicity: | No data available | Oral Man TD _{Lo} : 1,500 mg/kg (Gastrointestinal effects) |
| Synergistic Products: | No data available | Intraperitoneal Mouse LD ₅₀ : 610 mg/kg |
| Target Organs: | No data available | No data available |
| Medical Conditions Aggravated By Exposure: | No data available | No data available |

SECTION 11: TOXICOLOGICAL INFORMATION (Continued from Page 4)

| Components: | <u>Diammonium Phosphate</u> | <u>Monoammonium Phosphate</u> |
|---------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Eye Contact: | No data available | No data available |
| Skin Contact: | No data available | No data available |
| Oral Rat LD₅₀: | Greater than 1,000 mg/kg | 5,750 mg/kg |
| Dermal Rabbit LD₅₀: | No data available | Greater than 7,940 mg/kg |
| Inhalation Rat LC₅₀: | No data available | No data available |
| Human Data: | No data available | No data available |
| Other Toxicological Data: | No data available | No data available |
| Carcinogenicity: | No data available | No data available |
| Teratogenicity: | No data available | No data available |
| Mutagenicity: | No data available | No data available |
| Synergistic Products: | None reported | None reported |
| Target Organs: | Eyes, Skin, Lungs & Central Nervous System | Eyes, Skin, Lungs & Central Nervous System |
| Medical Conditions Aggravated By Exposure: | Skin or Respiratory disorders | Skin or Respiratory disorders |

| Components: | <u>Cobalt Chloride</u> |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact: | No data available |
| Skin Contact: | No data available |
| Oral Rat LD₅₀: | 80 mg/kg |
| Dermal Rabbit LD₅₀: | No data available (Subcutaneous Rabbit LD ₅₀ : 200 mg/kg) |
| Inhalation Rat LC₅₀: | No data available |
| Human Data: | Oral Child TD _{Lo} : 48 mg/kg; Toxic Effects; Behavioral – Anorexia (human); Endocrine – Thyroid (goiter) |
| Other Toxicological Data: | Dermal Rat LD _{Lo} : 2 gm/kg; Toxic Effects: Nutritional and gross metabolic – Weight loss or decreased weight gain |
| Carcinogenicity: | Subcutaneous Rat TD _{Lo} : 400 mg/kg/19 Days – I; Toxic Effects: Tumorigenic – Carcinogenic by RTECS criteria; Tumors at site of application |
| Teratogenicity: | Oral Rat TD _{Lo} : 11 mg/kg (female 1-22 Days pregnant); Effects on Fertility – Post-implantation mortality |
| Mutagenicity: | Human DNA Inhibition, HeLa cell: 1 mmol/Liter |
| Synergistic Products: | None reported |
| Target Organs: | Eyes, Skin, Mucous membranes & Lungs |
| Medical Conditions Aggravated By Exposure: | Skin or Respiratory disorders |

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

This product is soluble in water and is not expected to affect the pH of water. No specific environmental fate data is available.

ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product has not been determined.

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: NOT DOT REGULATED (United States)

Hazard Class: Not applicable **UN Number:** N/A **Packing Group:** N/A

Primary Label: N/A **Subsidiary Label(s):** N/A

Primary/Subsidiary Placards: N/A

DOT Reportable Quantity (RQ): Not Listed **RQ for Product:** Not Applicable

Marine Pollutant: No

2012 North American Emergency Response Guidebook No.: Not Applicable

TDG PROPER SHIPPING NAME: NOT RESTRICTED

Hazard Class: Not applicable **UN Number:** N/A **Packing Group:** N/A

Primary Label: N/A **Subsidiary Label(s):** N/A

Primary/Subsidiary Placards: N/A

TDG Reportable Quantity (RQ): * Not Applicable

TDG Schedule XII: Not listed

Regulated Limit (RL): ** Not Listed **RL for Product:** Not Applicable

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

| COMPONENTS: | <u>Urea</u> | <u>Ammonium Nitrate</u> | <u>Monopotassium Phosphate</u> | <u>Ammonium Sulfate</u> |
|---------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|--------------------------------------------------------------|
| <u>OSHA Target Organs:</u> | Eyes, Skin, Mucous membranes, Lungs, Cardiovascular & Central Nervous Systems | Eyes, Skin, Mucous membranes, Lungs & Blood | Eyes, Skin & Mucous membranes | Eyes, Skin, Mucous membranes, Lungs & Central Nervous System |
| <u>Carcinogenic Potential:</u> | | | | |
| Regulated by OSHA: | No | No | No | No |
| Listed on NTP Report: | No | No | No | No |
| Listed by IARC: | No | No | No | No |
| IARC Group: | Not applicable | Not applicable | Not listed | Not applicable |
| ACGIH Appendix A: | 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)

| | | | | |
|----------------------------|----------------|----------------|----------------|----------------|
| Listed Substance: | Not listed | Not listed | Not listed | Not listed |
| Reportable Quantity: | Not applicable | Not applicable | Not applicable | Not applicable |
| Category: | Not applicable | Not applicable | Not applicable | Not applicable |
| RCRA Waste No.: | Not applicable | Not applicable | Not applicable | Not applicable |
| Unlisted Substance: | 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 |

SECTION 15: REGULATORY INFORMATION (Continued from Page 6)

| COMPONENTS: | <u>Urea</u> | <u>Ammonium Nitrate</u> | <u>Monopotassium Phosphate</u> | <u>Ammonium Sulfate</u> |
|--------------------------------------------|----------------|-------------------------|--------------------------------|-------------------------|
| SARA TITLE III | | | | |
| Section 302 & 303 (40 CFR 355): | | | | |
| Listed Substance: | 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 311 & 312 (40 CFR 370): | | | | | |
| Hazard Categories (product): | Fire: <u>N</u> | Sudden Release of Pressure: <u>N</u> | Reactive: <u>N</u> | Acute Health: <u>Y</u> | Chronic Health: <u>Y</u> |
| Planning threshold: | 10,000 pounds | 10,000 pounds | 10,000 pounds | 10,000 pounds | 10,000 pounds |
| Section 313 (40 CFR 372): | | | | | |
| Listed Toxic Chemical: | Not listed | Yes (Aqua Ammonia & Nitrate compounds) | Not listed | Yes (Aqua Ammonia) | |
| Reporting Threshold: | Not applicable | 10,000 pounds | Not applicable | 10,000 pounds | |

U.S. TSCA Status

| | | | | |
|-----------------------------|-----|-----|-----|-----|
| Listed (40 CFR 710): | Yes | Yes | Yes | Yes |
|-----------------------------|-----|-----|-----|-----|

State Regulations

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

| | | | | |
|---------------------|----|----|----|----|
| Carcinogen: | No | No | No | No |
| Reproductive Toxin: | No | No | No | No |

Other Regulations

| | |
|----------------------------------|----|
| State Right To Know Laws: | NJ |
|----------------------------------|----|

Canadian Regulations

| | |
|-----------------------------|---------------------------------------------|
| Product Information: | |
| Controlled Product: | Yes |
| WHMIS Hazard Symbols: | Material Causing Other Toxic Effects |
| WHMIS Class & Division: | D.2A; D.2B |

| | | | | |
|--------------------------------|-----|-----|-----|-----|
| Ingredient Information: | | | | |
| IDL Substance: | No | No | No | No |
| DSL or NDSL Lists: | DSL | DSL | DSL | DSL |

| COMPONENTS: | <u>Diammonium Phosphate</u> | <u>Monoammonium Phosphate</u> | <u>Cobalt Chloride</u> |
|----------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------|
| OSHA Target Organs: | Eyes, Skin, Lungs & Central Nervous System | Eyes, Skin, Lungs & Central Nervous System | Eyes, Skin, Mucous membranes & Lungs |

Carcinogenic Potential:

| | | | |
|------------------------------|----------------|----------------|----------------|
| Regulated by OSHA: | No | No | No |
| Listed on NTP Report: | No | No | No |
| Listed by IARC: | No | No | Yes |
| IARC Group: | Not applicable | Not applicable | Group 2B |
| ACGIH Appendix A: | Not listed | Not listed | Yes (A3) |
| A1 Confirmed Human: | Not applicable | Not applicable | Not applicable |
| A2 Suspected Human: | Not applicable | Not applicable | Not applicable |

U.S. EPA Requirements

Release Reporting

CERCLA (40 CFR 302)

| | | | |
|----------------------------|----------------|----------------|----------------|
| Listed Substance: | Not listed | Not listed | Not listed |
| Reportable Quantity: | Not applicable | Not applicable | Not applicable |
| Category: | Not applicable | Not applicable | Not applicable |
| RCRA Waste No.: | Not applicable | Not applicable | Not applicable |
| Unlisted Substance: | Not applicable | Not applicable | Not applicable |
| Reportable Quantity: | Not applicable | Not applicable | Not applicable |
| Characteristic: | Not applicable | Not applicable | Not applicable |
| RCRA Waste No.: | Not applicable | Not applicable | Not applicable |

SECTION 15: REGULATORY INFORMATION (Continued from Page 7)

| COMPONENTS: | <u>Diammonium Phosphate</u> | <u>Monoammonium Phosphate</u> | <u>Cobalt Chloride</u> |
|-------------|-----------------------------|-------------------------------|------------------------|
|-------------|-----------------------------|-------------------------------|------------------------|

SARA TITLE III

Section 302 & 303 (40 CFR 355):

| | | | |
|--------------------------|----------------|----------------|----------------|
| Listed Substance: | Not listed | Not listed | Not listed |
| Reportable Quantity: | Not applicable | Not applicable | Not applicable |
| Planning Threshold: | Not applicable | Not applicable | Not applicable |

Section 311 & 312 (40 CFR 370):

| | | | |
|---------------------|---------------|---------------|---------------|
| Planning threshold: | 10,000 pounds | 10,000 pounds | 10,000 pounds |
|---------------------|---------------|---------------|---------------|

Section 313 (40 CFR 372):

| | | | |
|-------------------------------|--------------------|--------------------|------------------------|
| Listed Toxic Chemical: | Yes (Aqua Ammonia) | Yes (Aqua Ammonia) | Yes (Cobalt compounds) |
| Reporting Threshold: | 10,000 pounds | 10,000 pounds | 10,000 pounds |

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: | NJ |
|----------------------------------|----|

Canadian Regulations

Ingredient Information:

| | | | |
|--------------------|-----|-----|-----|
| IDL Substance: | No | No | Yes |
| DSL or NDSL Lists: | DSL | DSL | DSL |

SECTION 16: OTHER INFORMATION

EPA Registration number: Not applicable

Approved Product Uses: Used as a balanced food source to create healthy green phytoplankton growth in open water

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 Phyto Max in a cool, dry, well-ventilated area away from incompatible materials and products. When making dilutions, always add this product to water, or aqueous solutions, with adequate mixing to ensure a uniform solution. Do not add strong alkali or caustics to this product, as that will liberate toxic Ammonia gas.

SDS Revision Information: Revised Date: 03/16/2026

SDS Distributed by: Huma INC.

| | | | |
|---------------------|--------------------------------|-----------------------|--------------|
| Prepared By: | Frank S. Pidgeon, EHS Director | Date Prepared: | June 6, 2013 |
|---------------------|--------------------------------|-----------------------|--------------|

This Material Safety Data Sheet is provided as an information resource only. It should not be taken as a warranty or representation for which Huma INC. assumes legal liability. While Huma 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.