

**SECTION 1 – PRODUCT AND COMPANY INFORMATION****Product Name:** Nutrient MAXX™ / Soil

Liquid Humic Acid Solution, chelated macro &amp; micro nutrients, nitrogen

**Manufacturer:** Global Soil Solutions, Inc. 10200 Betsy Pkwy. St. James City, FL. 33956US Phone – **844-694-8642** Email- [Info@GoToGss.com](mailto:Info@GoToGss.com) Website [www.GoToGss.com](http://www.GoToGss.com)**Product Family:** Crop Fertilizers and Soil Amendments**Recommended Use:** Input for Commercial, Organic & Agricultural Use

Emergency Telephone:

**CHEMTREC** for Transportation related emergencies: 1-800-424-9300**SECTION 2 – HAZARDS IDENTIFICATION**

Classification of the chemical in accordance with 29CFR§1910.1200/2012: Not classified as hazardous

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS****No substance meeting the classification criteria for health is present over its cut-off value in accordance with 29CFR§1910.1200/2012**

Product contains: humic acid, food grade or better nutrients, nitrogen, ammonia

**SECTION 4 – FIRST AID MEASURES****Skin Contact:** This product may cause irritation of skin with prolonged or repeated contact. Remove contaminated clothing, wash skin thoroughly with soap & water. Get medical attention if irritation occurs and persists.**Eye Contact:** Remove contact lenses if present. Flush with water for 15- 20 minutes until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation occurs and persists.**Inhalation:** Inhalation of dust from the product may be irritating to the respiratory system resulting in sneezing, coughing and difficulty breathing. Give artificial respiration if breathing has stopped. Call for prompt medical attention**Ingestion:** If the material is swallowed and the patient is conscious, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get immediate medical attention or advice. Do not induce vomiting because of danger of aspiration into lungs. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention.**Most important symptoms and effects, both acute and delayed:** Symptoms relating to use not expected to present a significant hazard under anticipated conditions of normal use. Indication of any immediate medical attention and special treatment needed: None known.**SECTION 5 – FIREFIGHTING MEASURES****Suitable extinguishing media:** Product does not burn. Use water spray, dry chemical, foam or CO2 as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.**Unsuitable extinguishing media:** None known.**Surrounding fires:** Use CO2, water spray or fog for cooling exposed containers.**Special hazards arising from the substance or mixture:** Product is not combustible under normal circumstances. Do not allow runoff from fire fighting into nearby streams or waterways.**Hazardous combustion products:** Under fire conditions, hazardous fumes may be present from surrounding fire.**Advice for fire-fighters:** Do not enter fire area without proper protective equipment, including respiratory protection.**SECTION 6 – ACCIDENTIAL RELEASE MEASURES**

Refer to Section 8: Exposure Control and Personal Protection

**Emergency Action:** For large spills, isolate the release area, contain spill and keep unnecessary people away. Exercise caution regarding personnel safety and exposure.**Spill/Leak Procedure:** Floor and surfaces may be slippery. Dike with sand or other material. Flush area with water provided runoff does not enter drain or sewer; use absorbent material and dispose of properly.**Notification:** Any spill or release to navigable water that causes a visible sheen upon the water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.**SECTION 7 – HANDLING AND STORAGE****Handling:** Wear proper protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. For intended use only. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you are exposed and feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture. Containers should be completely drained, properly closed, and promptly returned to a drum re-conditioner or disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.**Storage:** Do not store near incompatible chemicals. Do not store product in direct sunlight or high heat areas. When possible, store in a dry place at moderate temperatures (above freezing) away from heat and flames. This material is to be handled and applied according to label directions. Keep this product and all chemicals away from children and pets. Keep containers closed when not in use. Do not eat, drink, or smoke while using this product.**SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION****Engineering Controls:** Use general ventilation. Local exhaust is suggested for use, where possible in enclosed or confined spaces.**Eye and Face Protection:** Wear safety glasses; use face shield if splashing is possible.**Skin Protection:** Wear suitable protective clothing. Use impermeable gloves in enclosed areas.**Respiratory Protection:** Not normally needed. A NIOSH or MSHA approved respirator should be used in areas of minimal ventilation.



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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  
**Color:** Black to dark brown  
**Odor:** Moist soil – healthy soil  
**Vapor Pressure (psi @100°F):** N/A  
**Vapor Density:** N/A  
**Freezing Point/Melting Point:** N/A  
**Boiling Point/Range:** 212° F – 100° C  
**Flash Point:** N/A  
**Lower Flammability Limit:** N/A  
**Specific Gravity:** 1.05  
**pH:** 5 – 9.5  
**Volatility:** NA

**Note:** Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

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**SECTION 10 – STABILITY AND REACTIVITY**

**Reactivity:** Does not react under normal conditions of use.  
**Chemical Stability:** Stable under normal conditions of use.  
**Stability/Incompatibility:** Stable. Blends with most chemicals.  
**Conditions to Avoid:** None known.  
**Hazardous Reactions/Decomposition Products:** Do not mix with strong acids or oxidizing agents. Outgassing may occur. Avoid mixing with aqua ammonia, carbonates, calcium nitrates or zinc sulphate solution with a Ph <5.5

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Eyes & breathing  
**Acute Effects:** Non-toxic. LD50 and LC50 not determined for this mixture. Excessive contact, inhalation or ingestion of large amounts of this product may cause irritation or discomfort. Refer to Sections 2 and 4 for recommended actions.  
**Chronic Effects:** Non-irritant  
**Carcinogenicity:** No components of this product are found to be carcinogens by NTP, IARC or OSHA.

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**SECTION 12 – ECOLOGICAL INFORMATION**

**Eco-toxicity:** Avoid contamination of ponds, streams & waterways.  
**Persistence and Degradability:** Product will undergo a natural cycle transforming into both organic and inorganic products.  
**Bio-accumulative Potential:** Product is carbon based and naturally occurring & is not expected to have bioaccumulation or food chain contamination potential. It will not adsorb to particulate matter or surfaces and is expected to have high mobility in soil and sediments.  
**Other Adverse Effects:** None anticipated.

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**SECTION 13 – DISPOSAL CONSIDERATION**

**US/RCRA Waste Disposal:** Methods: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

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**SECTION 14 – TRANSPORT INFORMATION**

**DOT/AIR/ OCEAN :** Not Regulated as dangerous goods.

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**SECTION 15 – REGULATORY INFORMATION**

**Chemical Inventory Lists:** Humic acid, potassium salts CAS # 68514-28-3 Product contains no known cancer-causing chemicals.  
**SARA (311/312)** Reportable Hazard Categories: None  
**State Right to Know Lists:** None

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**SECTION 16 – OTHER INFORMATION**

**Disclaimer:** The information contained herein is offered only as a guide to the handling of these specific products. Since such information does not relate to use of these products with any other products or in processes, any person using this information must determine for himself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of these products not in accordance with the terms of the product labels. Global Soil Solutions, Inc. makes no Warranties of any kind, express or implied with respect to this product. Global Soil Solutions, Inc. obligations are limited to replacement of product for defective material only. Global Soil Solutions, Inc. shall not be liable for any injury, loss or damage directly or consequently arising from the misuse or inability to use the product. Tell a friend about your success with these products.

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