

# Safety Data Sheet

<b>Section 1 Identification</b>	(a) GHS product identifier; <b>HA12</b> (b) Other means of identification; <b>NA</b> (c) Recommended use of the chemical and restrictions on use; <b>Fertility</b> (d) Supplier's details (including name, address, phone number etc.); <b>U.S. Ag, LLC 542 Wilson Rd Luthersville GA 30251. Office: 770-927-3206.</b> (e) Emergency phone number. <b>CHEMTREC 1-800-424-9300</b>
<b>Section 2 Hazard Identification</b>	(a) GHS classification of the substance/mixture and any national or regional information; <b>liquid proprietary fertility blend</b> (b) GHS label elements, including precautionary statements. (Hazard symbols may be provided as a graphical reproduction of the symbols in black and white or the name of the symbol e.g. "flame", "skull and crossbones"); <b>Avoid contact with eyes, skin, ingestion, etc</b> (c) Other hazards which do not result in classification (e.g. "dust explosion hazard") or are not covered by the GHS. <b>NA</b>
<b>Section 3 Product Composition</b>	<b>Substance</b> (a) Chemical identity; <b>12% humic acid complex, other proprietary blend</b> (b) Common name, synonyms, etc.; <b>humic acid</b> (c) CAS number and other unique identifiers; <b>1415-93-6/Proprietary</b> (d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance. <b>NA</b> <b>Mixture</b> The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels. <b>None</b>
<b>Section 4 First-Aid Measures</b>	(a) Description of necessary measures, subdivided according to the different routes of exposure, i.e. inhalation, skin and eye contact and ingestion; <b>Eyes:</b> Flush with clean water for 15 minutes. If irritation persists, consult a physician. As with all chemicals, eye protection should be used. <b>Skin:</b> Wash with soap and water. If irritation develops, consult physician. <b>Ingestion:</b> If ingested consult a physician immediately. Do not induce vomiting. <b>Inhalation:</b> Use in well ventilated area, however if symptomatic, remove to fresh air. (b) Most important symptoms/effects, acute and delayed. <b>Irritation, discomfort, pain, etc</b> (c) Indication of immediate medical attention and special treatment needed, if necessary. <b>Contact with eyes.</b>
<b>Section 5 Fire-fighting Measures</b>	(a) Suitable (and unsuitable) extinguishing media. <b>Non-flammable. Fire extinguisher/other</b> (b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products). <b>NA</b> (c) Special protective equipment and precautions for fire-fighters. <b>NA</b>
<b>Section 6 Accidental Release Measures</b>	(a) Personal precautions, protective equipment and emergency procedures. <b>None required. Goggles and gloves recommended.</b> (b) Environmental precautions. <b>Avoid contaminating bodies of water and/or areas directly effecting wildlife/populace.</b> (c) Methods and materials for containment and cleaning up. <b>Liquids can be absorbed with oil dry or cat litter and then disposed.</b>
<b>Section 7 Handling &amp; Storage</b>	(a) Precautions for safe handling. <b>None required. Goggles and gloves recommended.</b> (b) Conditions for safe storage, including any incompatibilities. <b>None</b>
<b>Section 8 Exposure Controls &amp; Personal Protection</b>	(a) Control parameters e.g. occupational exposure limit values or biological limit values. <b>NA</b> (b) Appropriate engineering controls. <b>NA</b> (c) Individual protection measures, such as personal protective equipment. <b>NA</b>
<b>Section 9 Physical &amp; Chemical Properties</b>	(a) Appearance (physical state, colour etc); <b>Dark brown/black</b> (b) Odour; <b>Slight</b> (c) Odour threshold; <b>NA</b> (d) pH; <b>9.5</b> (e) Melting point/freezing point; <b>NA/32F</b> (f) Initial boiling point and boiling range; <b>212F</b> (g) Flash point; <b>None flammable</b> (h) Evaporation rate; <b>NA</b> (i) Flammability (solid, gas); <b>None</b> (j) Upper/lower flammability or explosive limits; <b>NA</b> (k) Vapour pressure; <b>NA</b> (l) Vapour density; <b>NA</b> (m) Relative density; <b>NA</b> (n) Solubility(ies); <b>Yes</b> (o) Partition coefficient: n-octanol/water; (p) Auto-ignition temperature; <b>NA</b> (q) Decomposition temperature; <b>NA</b> (r) Viscosity. <b>NA</b>

<b>Section 10 Stability &amp; Reactivity</b>	<ul style="list-style-type: none"> <li>(a) Reactivity <b>NA</b></li> <li>(b) Chemical stability; <b>Yes</b></li> <li>(c) Possibility of hazardous reactions; <b>No</b></li> <li>(d) Conditions to avoid (e.g. static discharge, shock or vibration); <b>NA</b></li> <li>(e) Incompatible materials; <b>None known</b></li> <li>(f) Hazardous decomposition products. <b>None</b></li> </ul>
<b>Section 11 Toxicological Information</b>	<p>Concise but complete and comprehensible description of the various toxicological (health) effects and the available data used to identify those effects, including:</p> <ul style="list-style-type: none"> <li>(a) information on the likely routes of exposure (inhalation, ingestion, skin and eye contact); <b>Ingestion, skin, inhalation, eye contact</b></li> <li>(b) Symptoms related to the physical, chemical and toxicological characteristics; <b>Discomfort, irritation, burning, wheezing, vision change</b></li> <li>(c) Delayed and immediate effects and also chronic effects from short and long term exposure; <b>No delayed or chronic effects anticipated</b></li> <li>(d) Numerical measures of toxicity (such as acute toxicity estimates). <b>NA</b></li> </ul>
<b>Section 12 Ecological Information</b>	<ul style="list-style-type: none"> <li>(a) Ecotoxicity (aquatic and terrestrial, where available); <b>NA</b></li> <li>(b) Persistence and degradability; <b>Compounds biodegrade</b></li> <li>(c) Bioaccumulative potential; <b>None</b></li> <li>(d) Mobility in soil; <b>Yes</b></li> <li>(e) Other adverse effects. <b>None</b></li> </ul>
<b>Section 13 Disposal Considerations</b>	<p>Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging. <b>Non-toxic. Perform in compliance with all federal, state and local regulations.</b></p>
<b>Section 14 Transport Information</b>	<ul style="list-style-type: none"> <li>(a) UN number; <b>NA/non-hazardous</b></li> <li>(b) UN proper shipping name; <b>NA/non-hazardous</b></li> <li>(c) Transport hazard class(es); <b>NA/non-hazardous</b></li> <li>(d) Packing group, if applicable; <b>NA/non-hazardous</b></li> <li>(e) Environmental hazards (e.g.: Marine pollutant (Yes/No)); <b>NA/non-hazardous</b></li> <li>(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code); (g) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises. <b>NA/non-hazardous</b></li> </ul>
<b>Section 15 Regulatory Information</b>	<p>Safety, health and environmental regulations specific for the product in question. <b>NA</b></p>
<b>Section 16 Other Information</b>	

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