

Safety Data Sheet

- Section 1
Identification**
- (a) GHS product identifier; **GRO**
 - (b) Other means of identification; **NA**
 - (c) Recommended use of the chemical and restrictions on use; **Fertility**
 - (d) Supplier's details (including name, address, phone number etc.); **U.S. Ag, LLC 542 Wilson Rd Luthersville GA 30251. Office: 770-927-3206.**
 - (e) Emergency phone number. **CHEMTREC 1-800-424-9300**
- Section 2
Hazard
Identification**
- (a) GHS classification of the substance/mixture and any national or regional information; **liquid proprietary fertility blend**
 - (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"); **Avoid contact with eyes, skin, ingestion, etc**
 - (c) Other hazards which do not result in classification (e.g. "dust explosion hazard") or are not covered by the GHS. **NA**
- Section 3
Product
Composition**
- (a) Chemical identity; **Multiple glucose substances, 12% Urea, other proprietary blend**
 - (b) Common name, synonyms, etc.; **Urea**
 - (c) CAS number and other unique identifiers; **57-13-6/Proprietary**
 - (d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance. **NA**
 - Mixture** 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. **Urea 12.0%**
- Section 4
First-Aid
Measures**
- (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e. inhalation, skin and eye contact and ingestion; **Eyes:** Flush with clean water for 15 minutes. If irritation persists, consult a physician. As with all chemicals, eye protection should be used. **Skin:** Wash with soap and water. If irritation develops, consult physician. **Ingestion:** If ingested consult a physician immediately. Do not induce vomiting. **Inhalation:** Use in well ventilated area, however if symptomatic, remove to fresh air.
 - (b) Most important symptoms/effects, acute and delayed. **Irritation, discomfort, pain, etc**
 - (c) Indication of immediate medical attention and special treatment needed, if necessary. **Contact with eyes.**
- Section 5
Fire-fighting
Measures**
- (a) Suitable (and unsuitable) extinguishing media. **Non-flammable. Fire extinguisher/other**
 - (b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products). **NA**
 - (c) Special protective equipment and precautions for fire-fighters. **NA**
- Section 6
Accidental
Release
Measures**
- (a) Personal precautions, protective equipment and emergency procedures. **None required. Goggles and gloves recommended.**
 - (b) Environmental precautions. **Avoid contaminating bodies of water and/or areas directly effecting wildlife/populace.**
 - (c) Methods and materials for containment and cleaning up. **Liquids can be absorbed with oil dry or cat litter and then disposed.**
- Section 7
Handling &
Storage**
- (a) Precautions for safe handling. **None required. Goggles and gloves recommended.**
 - (b) Conditions for safe storage, including any incompatibilities. **None**
- Section 8
Exposure
Controls &
Personal
Protection**
- (a) Control parameters e.g. occupational exposure limit values or biological limit values. **NA**
 - (b) Appropriate engineering controls. **NA**
 - (c) Individual protection measures, such as personal protective equipment. **NA**
- Section 9
Physical &
Chemical
Properties**
- (a) Appearance (physical state, colour etc); **Dark brown/Amber**
 - (b) Odour; **Mild/Pungent**
 - (c) Odour threshold; **NA**
 - (d) pH; **5.5-8.5**
 - (e) Melting point/freezing point; **NA/32F**
 - (f) Initial boiling point and boiling range; **212F**
 - (g) Flash point; **None flammable**
 - (h) Evaporation rate; **NA**
 - (i) Flammability (solid, gas); **None**
 - (j) Upper/lower flammability or explosive limits; **NA**
 - (k) Vapour pressure; **NA**
 - (l) Vapour density; **NA**
 - (m) Relative density; **NA**
 - (n) Solubility(ies); **Yes**
 - (o) Partition coefficient: n-octanol/water; (p) Auto-ignition temperature; **NA**
 - (q) Decomposition temperature; **NA**
 - (r) Viscosity. **NA**

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

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