

Safety Data Sheet

- Section 1 Identification**
- (a) GHS product identifier; **CleanGreen ALT-15**
 - (b) Other means of identification; **NA**
 - (c) Recommended use of the chemical and restrictions on use; **Nitrogen Fertilizer Solution**
 - (d) Supplier's details (including name, address, phone number etc.); **U.S. Ag, LLC 542 Wilson Rd Luthersville GA 30251. Office: 706-637-1111.**
 - (e) Emergency phone number. **CHEMTREC 1-800-424-9300**

- Section 2 Hazard Identification**
- Signal Word:** Warning
- Routes of entry:** Inhalation, ingestion, injection and absorption
- Potential Health Effects:** Eyes: May Cause Irritation Skin: May Cause Irritation Ingestion: May Cause Irritation
- Inhalation: May Cause Irritation. Large dose ingestion can cause heart and kidney problems.
- Acute Health Hazards:** **NA** **Chronic Health Hazards:** Chronic ingestion may cause damage to heart, liver, and blood forming tissues. Ingestion of large quantities may cause headache, mental impairment, dizziness and may be fatal.

- Section 3 Product Composition**
- Substance**
- (a) Chemical identity; **Nitrogen 15% and Proprietary Blend**
 - (b) Common name, synonyms, etc.; **Nitrogen**
 - (c) CAS number and other unique identifiers; **Urea 57-13-6, Ammonium Chloride 12125-02-9, 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. **NA**

- Section 4 First-Aid Measures**
- Eye Contact:** Flush with clean water for at least 15 minutes. Get immediate medical assistance. As with all chemicals, eye protection should be used. If frostbite occurs, immerse affected area in warm water for at least 15 minutes.
- Skin:** Wash with soap and water for 15 minutes while removing contaminated clothing and shoes. If frostbite occurs, immerse affected area in warm water for at 20-40 minutes. Get medical attention immediately. Chemical burns must be treated by a physician.
- Ingestion:** Call a physician or poison control immediately. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water (never give anything by mouth to an unconscious person). If vomiting occurs, keep head lower than the hips to help prevent aspiration.
- Inhalation:** Move victim into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be used. If breathing stops use artificial respiration. Get medical attention immediately.

- 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. **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**
- Precautions for safe handling: Avoid inhalation and contact with skin and eyes. Do not get in eyes, on skin, on clothing. Do not breath gas. Use only with adequate ventilation. Avoid exposure to heat. Observe good industrial hygiene practices.
- Conditions for Safe Storage: Protect from sunlight and do not expose to temperatures exceeding 122F.

- 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); **Clear**
 - (b) Odour; **slight amine ordor**
 - (c) Odour threshold; **NA**
 - (d) pH; **7.8-8.1**
 - (e) Melting point/freezing point; **Below 32F**
 - (f) Initial boiling point and boiling range; **219F**
 - (g) Flash point; **NA**
 - (h) Evaporation rate; **NA**
 - (i) Flammability (solid, gas); **NA**
 - (j) Upper/lower flammability or explosive limits; **NA**
 - (k) Vapour pressure; **NA**
 - (l) Vapour density; **NA**
 - (m) Relative density; **9.6**
 - (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** (a) Reactivity **NA**
(b) Chemical stability; **Yes**
(c) Possibility of hazardous reactions; **Yes**
(d) Conditions to avoid (e.g. static discharge, shock or vibration); **excessive heat**
(e) Incompatible materials; **Oxidizers, hypochlorites, strong bases and strong acids**
(f) Hazardous decomposition products. **Ammonia**

**Section 11
Toxicological
Information** **NA**

**Section 12
Ecological
Information** **NA**

**Section 13
Disposal
Considerations** **Perform in compliance with all federal, state and local regulations.**

**Section 14
Transport
Information** (a) UN number; **NA**
(b) UN proper shipping name; **ALT-15**
(c) Transport hazard class(es); **NA**
(d) Packing group, if applicable; **NA**
(e) Environmental hazards (e.g.: Marine pollutant (Yes/No)); **NA**
(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**
Label Statement: Health: 1 Flammability: 0 Reactivity: 0 Specific: 0

**Section 15
Regulatory
Information** Safety, health and environmental regulations specific for the product in question. **NA**

**Section 16
Other
Information** **Handling Precautions:** Use in accordance with labeling instructions. Keep away from children, pets, domestic animals, wildlife.
Storage Requirements: Store in properly labeled containers. Keep from freezing.
Labeling (precautionary statements): Warning! Eye and Skin Irritant.

The above furnished information is believed to be correct on the date it was published. This SDS is provided without any warranty expressed or implied. Users should consider this data as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.