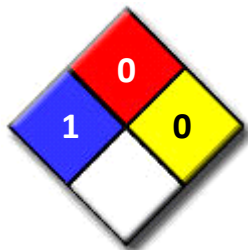




534 CR 529A  
Lake Panasoffkee, FL 33538  
800-476-6674 352-793-1682  
agri@uas-cropmaster.com  
www.uas-cropmaster.com

## Safety Data Sheet (OSHA 29 CFR 1910.1200)



### Section 1 - Product and Company Identification

**Product** 28-0-0

**Company** UAS of America  
534 CR 529A  
Lake Panasoffkee, FL 33538

**Phone** 800-476-6674

**Emergency Phone** 352-793-1682

**Product Use** Nitrogen Fertilizer Solution

### Section 2 - Composition and Information on Ingredients

| Component Ingredients | Hazardous | Percent | CAS Number | Threshold Limit Values |           |           |            |
|-----------------------|-----------|---------|------------|------------------------|-----------|-----------|------------|
|                       |           |         |            | OSHA PEL               | OSHA STEL | ACGIH TLV | ACGIH STEL |
| Urea                  | No        |         | 57-13-6    | -NONE ESTABLISHED-     |           |           |            |
| Triazone              | No        |         | 7098-14-8  | -NONE ESTABLISHED-     |           |           |            |

## Section 3 - Hazard Identification

### Potential Health Effects

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

Inhalation: No Skin: No Ingestion: Unlikely

### POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause irritation or dermatitis in sensitive individuals.

INGESTION: Do not consume. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

INHALATION: Generally not considered and inhalation hazard.

CHRONIC AND ACUTE HEALTH HAZARDS: Eye contact may cause irritation. Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

CARCINOGENICITY: No

OSHA: No NTP: No

IARC: No OTHER:

Section 3 NOTES:

## Section 4 - First Aid Measures

Skin Contact       Skin Absorption       Eye Contact       Inhalation       Ingestion

**Skin Contact** Dry and/or red itchy skin- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Skin Absorption** Dry and/or red itchy skin- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Eye Contact** Eye irritation- Flush with water for 15 minutes. Get medical attention if irritation persists.

**Inhalation** Generally not considered an inhalation hazard.

**Ingestion** If conscious, immediately give large quantities of water and induce vomiting. Seek medical attention immediately.

## Section 5 - Fire Fighting Measures

### Flammable

**Flammable Conditions** None. Solution is non-flammable.

**Methods of Extinguishing** Water, water fog or foam. Use media suitable to extinguish source of fire.

**Flashpoint degrees (c)** None

**Flashpoint Method** N/A

**Autolgnition Temp (c)** N/A

**Upper Flammable Limit (% by volume)** N/A

**Lower Flammable Limit (% by volume)** N/A

### **Explosion - Sensitivity to Impact**

N/A

### **Explosion - Sensitivity to Static Discharge**

N/A

### **Protection and Procedures for FireFighters**

Product is not combustible.

### **Protective Equipment for Firefighters**

Use media suitable to extinguish source of fire.

## Section 6 - Accidental Release Measures

### **Leak and Spill Procedures**

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. Material Released or Spilled: Promptly mop up or pump up material and place in suitable container for use as a fertilizer or for disposal.

Section 6 NOTES:

## Section 7 - Handling and Storage

### **Handling Procedures and Equipment**

Store in a cool, dry area. Keep container closed when not in use. Keep Out Of Reach Of Children.

OTHER PRECAUTIONS: Avoid containers, piping, or fittings made of aluminum, copper-containing alloys or galvanized steel.

Section 7 NOTES:

### **Storage Requirements**

Store in a cool, dry area. Keep container closed when not in use. Keep Out Of Reach Of Children

## Section 8 - Exposure Controls - Personal Protection

### Specific Engineering Controls

VENTILATION : Adequate ventilation required to maintain a fresh airflow.

Gloves       Respirator       Eye       Footwear       Clothing       Other

### Personal Protective Equipment

RESPIRATORY PROTECTION: If mist or dust conditions should be present use respirator approved by NIOSH.

EYE PROTECTION: Goggles or face shield.

SKIN (Hands, Arms, and Body) PROTECTION: Adequate clothing should be worn to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath, safety shower .

WORK HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using this product.

EXPOSURE GUIDELINES:

LOCAL EXHAUST: Adequate

Section 8 NOTES:

## Section 9 - Physical and Chemical Properties

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Physical State                        | Liquid                          |
| Odor and Appearance                   | Light Blue Liquid, Ammonia Odor |
| Solubility in Water                   | Complete                        |
| Specific Gravity                      | 1.2                             |
| Vapor Density (air = 1)               | N/A                             |
| Vapor Pressure (mmHg)                 | N/A                             |
| Evaporation Rate                      | N/A                             |
| Boiling Point (° C)                   | 212 (F) 100 (C)                 |
| Freezing Point (°C)                   | 32 (F) 0 (C)                    |
| pH @ 20 Celcius                       | 9.9                             |
| Coefficient of Water/Oil Distribution | N/A                             |
| Notes                                 | 10.03 lbs/gal                   |

## Section 10 - Stability and Reactivity

### Chemical Stability

#### Stability Conditions

Product is stable.

### Incompatibility with Other Substance

#### Incompatibility conditions

Strong Acids or alkali and strong Oxidizers. Water-reactive materials.

#### Reactivity Conditions

Extremely high temperatures.

#### Hazardous Decomposition Products

Carbon Monoxide and Carbon Dioxide

## Section 11 - Toxicological Information

### Effects of Acute Exposure

Eye contact may cause irritation.

### Effects of Chronic Exposure

Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

**Irritancy** Yes

**Skin Sensitization** Yes

**Carcinogenicity - IARC** NO

**Reproductive** NO

**Embrototoxicity** NO

**Respiratory Sensitize** NO

**Carcinogenicity - ACGIH** NO

**Teratogenicity** NO

**Mutagenicity** NO

## Section 12 - Ecological Information

### Ecological Information

N/A

## Section 13 - Disposal Considerations

### Waste Disposal

If product cannot be disposed of according to use directions on label. Dispose of in accordance with federal, state, and local environmental laws and regulations.

## Section 14 - Transportation Information

**U.S. DOT** Not Regulated

**IMDG** Not Regulated

**ICAO/IATA** Not Regulated

### **Transport Information**

Not Regulated by DOT

## Section 15 - Regulatory Information

**Health Hazard** 1 Exposure could cause irritation but only minor residual injury even if no treatment is given.

**Fire Hazard** 0 Materials that will not burn.

**Instability** 0 Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

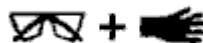
### **Special Hazard**

## Section 16 - Other Information / Warranty / Disclaimer

Revised 27-Jan-15

Prepared By Denise

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 0 |
| Reactivity          | 0 |
| Personal Protection | B |



**Health Hazard** 1 Irritation or minor reversible injury possible

**Flammability** 0 Materials that will not burn

**Reactivity** 0 Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

**Personal Protection** B Safety Glasses + Gloves

### Disclaimer

HMIS Ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDS's by OSHA's CFR 1910.1200, we choose to provide them as a service to our customers using HMIS. These ratings are to be used only with a fully implemented HMIS program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS Implementation Manual.

When two ratings are provided for Health, the first represents the material 'as supplied,' and the second represents the material 'in use.'

### Other Information

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