SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier
Product Name: Blended Fertilizer; Urea-Based
Intended Use of the Product: Fertilizer

Name, Address, and Telephone of the Responsible Party
Company
EDC Ag Products Company L.L.C.
1309 Ridge Road, Suite 315
Rockwall, TX 75087
T (972) 722-1113 - F (972) 722-1109

Emergency Telephone Number
Emergency number: (800) 424-9300 (CHEMTREC, 24 hours)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Acute Toxicity Oral Category 5 H303
Skin Irritant Category 2 H315
Eye Irritant Category 2B H320
STOT SE Category 3 H335

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): WARNING

Hazard Statements (GHS-US)
H303 - May be harmful if swallowed.
H315 - Causes skin irritation.
H320 - Causes eye irritation.
H335 - May cause respiratory irritation.

Precautionary Statements (GHS-US)
P261 - Avoid breathing dust.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 - Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations.

Other Hazards
Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available
Blended Fertilizer; Urea-Based
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>(CAS No) 57-13-6</td>
<td>Variable</td>
<td>Does not meet the criteria for classification</td>
</tr>
<tr>
<td>Diammonium Phosphate (DAP)</td>
<td>(CAS No) 7783-28-0</td>
<td>Variable</td>
<td>Acute Tox. 5 (oral) H302</td>
</tr>
<tr>
<td>Potassium Chloride (Potash)</td>
<td>(CAS No) 7447-40-7</td>
<td>Variable</td>
<td>Skin Irritant 2 H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irritant 2B H320</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3 H335</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

Most Important Symptoms and Effects Both Acute and Delayed

General: Eye irritation.

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Not available

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Do not get water inside containers. Do not apply water stream directly at source of leak.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.


Other information: Do not allow run-off from fire fighting to enter drains or water courses.
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**Reference to Other Sections**
Refer to section 9 for flammability properties.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing (dust). Do not get in eyes, on skin, or on clothing. Avoid generating dust.

**For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Ventilate area.

**Environmental Precautions**

Prevent entry to sewers and public waters.

**Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Contact competent authorities after a spill.

**Reference to Other Sections**

See section 8, Exposure Controls and Personal Protection.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Additional Hazards When Processed:** When heated to decomposition, emits toxic fumes.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Materials:** Nitric Acid. Nitrites. Alkaline materials. Strong oxidizers.

**Specific End Use(s)**

For agricultural use only.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

No additional information available.

**Exposure Controls**

**Appropriate Engineering Controls:** Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:** Gloves. Protective goggles. Insufficient ventilation: wear respiratory protection. Protective clothing.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles when direct eye contact is possible.

Skin and Body Protection: Not available

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.
Blended Fertilizer; Urea-Based

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Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State: Solid
Appearance: White and tan-black granules
Odor: Trace odor of ammonia
Odor Threshold: Not available
pH: Not available
Relative Evaporation Rate: Not available
Melting Point: Not available
Freezing Point: Not available
Boiling Point: Not available
Flash Point: Not available
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Flammability (solid, gas): Not available
Lower Flammable Limit: Not available
Upper Flammable Limit: Not available
Vapor Pressure: Not available
Relative Vapor Density at 20 °C: Not available
Relative Density: Not available
Specific Gravity: Not available
Solubility: Soluble in water.
Viscosity: Not available
Volatile: 0%
Explosion Data – Sensitivity to Mechanical Impact: Not available
Explosion Data – Sensitivity to Static Discharge: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Stable at standard temperature and pressure.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Extremely high or low temperatures. Protect from moisture.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Causes eye irritation.
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not classified
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
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Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: May cause skin irritation.
Symptoms/Injuries After Eye Contact: Causes serious eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea (57-13-6)</td>
<td>14,300 mg/kg</td>
</tr>
<tr>
<td>Diammonium Phosphate (7783-28-0)</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td>Potassium Chloride (7447-40-7)</td>
<td>1500-2600 mg/kg</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Toxicity  Not classified
Persistence and Degradability

Persistence and Degradability  Not established.

Bioaccumulative Potential

Bio-accumulative Potential  Not established.

Mobility in Soil  Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. Spilled dry material or water solutions can be distributed on land as fertilizer.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Identification Number</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Label Codes</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>
**SECTION 15: REGULATORY INFORMATION**

**US Federal Regulations**

- **Diammonium Phosphate (7783-28-0)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory

- **Potassium Chloride (7447-40-7)**
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Canadian Regulations**

- **Blended Fertilizer; Urea-Based**
  - WHMIS Classification: Not classified

- **Diammonium Phosphate (7783-28-0)**
  - Listed on the Canadian DSL (Domestic Substances List) inventory.

- **Potassium Chloride (7447-40-7)**
  - Listed on the Canadian DSL (Domestic Substances List) inventory.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

**SECTION 16: OTHER INFORMATION**

- **Revision date**: July 2018
- **Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity Oral Category 5</td>
<td>May be harmful if swallowed; H303</td>
</tr>
<tr>
<td>Skin Irritant Category 2</td>
<td>Causes skin irritation; H315</td>
</tr>
<tr>
<td>Eye Irritant Category 2B</td>
<td>Causes eye irritation; H320</td>
</tr>
<tr>
<td>STOS SE Category 3</td>
<td>May cause respiratory irritation; H335</td>
</tr>
</tbody>
</table>

**Party Responsible for the Preparation of This Document**

EDC Ag Products Company L.L.C.
1309 Ridge Road, Suite 315
Rockwall, TX 75087
(972) 722-1113

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*