SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 Product Identifier
   Product Name: Greenskeeper's Secret 6-24-24

1.2 Recommended Use
   Fertilizer

1.3 Restrictions on Use
   None known.

1.4 Manufacturer and/or Distributor
   T&N, Incorporated
   815 Highway T, P.O. Box 240
   Foristell, MO  63348-0240
   866-670-2505
   www.tandninc.com
   info@tandninc.com

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the Substance or Mixture
   Classification: Eye Damage/Irritation - Category 2B

2.2 Label Elements
   Signal Word: Warning

2.3 Other Hazards
   No known significant effects or critical hazards.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name | CAS Number
---------------|----------------
Diammonium Phosphate | 7783-28-0
Granular Urea | 57-13-6
Granular Muriate of Potash | 7447-40-7
Clay | 1302-78-9
Limestone | 1317-65-3

SECTION 4: FIRST AID MEASURES

4.1 Emergency and First Aid Procedures
   Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Get medical aid.
   Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before use.
   Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid if irritation develops and persists.
**Ingestion**

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. For further assistance, contact your local Poison Control Center 1-800-222-1222.

**SECTION 5: FIRE-FIGHTING MEASURES**

<table>
<thead>
<tr>
<th>5.1 Suitable Extinguishing Media</th>
<th>Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.2 Fire Fighting Instructions</td>
<td>As in any fire, wear a self-contained breathing apparatus in a pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use extinguishing media appropriate to surrounding fire conditions. Substance is noncombustible. Decomposes at high temperatures, resulting in toxic and corrosive products. Water runoff can cause environmental damage. Dike and collect water used to fight fire.</td>
</tr>
<tr>
<td>5.3 Flammable Properties and Hazards</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Steps to be Taken in Case Material is Released or Spilled**

| Use proper personal protective equipment as indicated in Section 8. |
| Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. |

**SECTION 7: HANDLING AND STORAGE**

<table>
<thead>
<tr>
<th>7.1 Precautions for Safe Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Protective Measures</strong></td>
</tr>
<tr>
<td><strong>Hygiene Measures</strong></td>
</tr>
<tr>
<td><strong>Conditions for Safe Storage, Including Any Incompatibilities</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>8.1 Control Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Occupational Exposure Limits</strong></td>
</tr>
<tr>
<td>8.2 Exposure Controls</td>
</tr>
</tbody>
</table>
Appropriate Engineering Controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental Exposure Controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Other Skin Protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>White, gray and brown granules</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight ammonia odor.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available.</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Vapor Pressure: Not available.
Relative Vapor Density at 20° C: Not available.
Relative Density: Not available.
Solubility: Not available.
Viscosity: Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical Stability: The product is stable.
10.3 Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to Avoid: No specific data.
10.5 Incompatible Materials: No specific data.
10.6 Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects - Product
   - Acute Toxicity: Very low toxicity to humans or animals.
   - Skin Corrosion/Irritation: May cause irritation.
   - Serious Eye Damage/Irritation: May cause irritation.
   - Respiratory or Skin Sensitization: May cause irritation.
   - Germ Cell Mutagenicity: No known significant effects or critical hazards.
   - Carcinogenicity: No known significant effects or critical hazards.
   - Reproductive Toxicity: No known significant effects or critical hazards.
   - Aspiration Hazard: Not available.
   - Symptoms/Injuries After Inhalation: No known significant effects or critical hazards.
   - Symptoms/Injuries After Skin Contact: No known significant effects or critical hazards.
   - Symptoms/Injuries After Eye Contact: No known significant effects or critical hazards.
   - Symptoms/Injuries After Ingestion: No known significant effects or critical hazards.
   - Chronic Symptoms: No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Not available.
12.2 Persistence and Degradability: No known significant effects or critical hazards.
12.3 Mobility in Soil: Not available.
12.4 Other Adverse Effects: No known significant effects or critical hazards.
SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT
Not regulated.

14.2 In Accordance with IMDG
Not regulated.

14.3 In Accordance with IATA
Not regulated.

14.4 In Accordance with TDG
Not regulated.

SECTION 15: US FEDERAL REGULATIONS

15.1 US Federal Regulations
All components are listed or exempted.

15.2 US State Regulations
All components are listed or exempted.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

16.1 Date Prepared
Jun-15

16.2 Other Information
The information and statements in these Safety Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and must make independent determination of the suitability of the information from all sources, to assure both the proper use of the material described herein and the safety and health of employees.