<table>
<thead>
<tr>
<th>Section</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SECTION 1</strong></td>
<td><strong>CHEMICAL PRODUCT AND COMPANY INFORMATION</strong></td>
</tr>
<tr>
<td>Manufacturer or Formulator</td>
<td>Frick Services, Inc.</td>
</tr>
<tr>
<td>3154 W. Depot Street</td>
<td>Pro Ap Professional Turf Fertilizer</td>
</tr>
<tr>
<td>Wawaka, IN 46794</td>
<td>Pro Ap Professional Turf Fertilizer</td>
</tr>
<tr>
<td>Emergency Phone</td>
<td>1-800-552-1754</td>
</tr>
<tr>
<td>Chemical Name and Synonyms</td>
<td>None</td>
</tr>
<tr>
<td>C.A.S. No.</td>
<td>(NH2)2CO</td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>Urea 57-13-6</td>
</tr>
<tr>
<td>WT%</td>
<td>10 mg/m³ (dust)</td>
</tr>
<tr>
<td>HL</td>
<td>Not available</td>
</tr>
<tr>
<td>PEL</td>
<td>5 mg/m³ (resp)</td>
</tr>
</tbody>
</table>

**Hazardous**

**Non-Hazardous**

Blend of the following non-hazardous ingredients: 100

<table>
<thead>
<tr>
<th>Component</th>
<th>C.A.S. No.</th>
<th>WT%</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>57-13-6</td>
<td>100</td>
<td>10 mg/m³</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

**SECTION 2**

**COMPOSITION INFORMATION**

**SECTION 3**

**HAZARDS IDENTIFICATION**

**Ingestion:** Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

**Inhalation:** Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

**Eye Contact:** Dust from this product may cause particulate discomfort to eyes.

**Skin Absorption:** Not normally absorbed through the skin.

**Skin Contact:** Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

**Effects of Overdose:** Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

**SECTION 4**

**FIRST AID MEASURES**

**Ingestion:** If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention if condition persists.

**Eye:** Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

**Skin:** Wash with soap and water. Seek medical attention if condition persists.

**Note to Physician:** Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

**SECTION 5**

**FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use media suitable to extinguish source of fire.

**Special Fire Fighting Procedures:** Product is not combustible.

**Unusual Fire and Explosion Hazards:** During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, SOₓ, POₓ or CN.

**SECTION 6**

**ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in case material is released or spilled:** Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth. Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

**SECTION 7**

**HANDLING AND STORAGE**

Precautions to be taken in handling and storing: Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

**SECTION 8**

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation Protection:** Adequate ventilation.

**Respiratory Protection:** Approved dust respirator when necessary.

**Protective Clothing:** Normal clean work clothing.

**Eye Protection:** In dusty conditions, safety glasses with side shields or goggles may be necessary.

**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>pH</td>
<td>Not listed</td>
</tr>
<tr>
<td>Appearance</td>
<td>Multi-colored granules</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Use media suitable to extinguish source of fire</td>
</tr>
</tbody>
</table>

Solubility in Water | Not available
| % Volatiles (by volume) | Not available
| Vapor Pressure, mm Hg | Not applicable
| Reaction with Water | None

**Trade Name:** Pro Ap Professional Turf Fertilizer

**DATE ISSUED:** 2/11/2004

**SUPERSEDES:** NA

**Manufacturer or Formulator:** Frick Services, Inc.

**Product Name:** Pro Ap Professional Turf Fertilizer

**Common Name:** Pro Ap Professional Turf Fertilizer

**Chemical Type:** Inorganic Chemical Fertilizer

**Emergency Phone:** 1-800-552-1754
Trade Name: Pro Ap Professional Turf Fertilizer
DATE ISSUED: 2/11/2004
Registration No: None
SUPERSEDES: NA

SECTION 10 STABILITY AND REACTIVITY
Stability (Normal Conditions): Stable
Conditions to Avoid: Extremely high temperatures.
Incompatibility (Material to Avoid): Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.
Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, SOₓ, POₓ or CN.
Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGY INFORMATION
Urea Oral LD50 (rat) 14,300 mg/kg
Dermal LD50 (rat) none listed
Aquatic Fish 96-hour > 9,100 mg/L
Aquatic (other) > 10,000 mg/L (daphnia)

All toxicity data from TFI Product Testing Results.

SECTION 12 ECOLOGICAL INFORMATION
None listed

SECTION 13 DISPOSAL CONSIDERATIONS
Waste disposal procedures: Pick up with shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management. If disposal is necessary, follow all applicable local, state and federal regulations.

SECTION 14 TRANSPORTATION INFORMATION
Shipping name: Not regulated by DOT
Hazard Class: None
C.A.S. Number: See "Ingredients"
Reportable Quantity (RQ): None
D.O.T. Number: None
Labels Required: None
Placard: None
EPA Regist No: None

SECTION 15 REGULATORY INFORMATION
Carcinogenicity: by IARC?: Yes ( ) No (X) by NTP?: Yes ( ) No (X)
Not on the SARA 302 list of reportable quantities.

SECTION 16 OTHER INFORMATION
Flash Point (Test Method): Non-flammable
Flammable Limits LOWER N/A
Autoignition Temperature: Not applicable
UPPER N/A

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