Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Catalog Number: 6261

Product Identity: SYNTHETIC URINE

Manufacturer's Name: RICCA CHEMICAL COMPANY LLC

Emergency Contact(24 hr) – CHEMTREC®
Domestic: 800-424-9300
International: 703-627-3887

CAGE Code: 4C01W, 6V5S, 4XOZ

Address: 448 West Fork Dr
Arlington, TX 76012

Date Prepared: 5/4/06

Revision: 0

Listed Revision: 05/04/2005

Date Printed: 06/15/2012 8:45:22 am

Section 2: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Registry #</th>
<th>Concentration</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Sulfate Dihydrate</td>
<td>12053-98-8</td>
<td>&lt; 0.1</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>10035-04-7</td>
<td>&lt; 0.1</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Urea</td>
<td>57-13-6</td>
<td>1 - 3</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>&lt; 1</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Water, Deionized</td>
<td>7732-18-5</td>
<td>Balance</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 3: Hazard Identification

Emergency Overview: Does not present any significant health hazards. Wash area of contact with water. If ingested, dilute with water. Call a physician if necessary.

Target Organs: eyes, skin.

Eye Contact: May cause irritation, redness, pain, and tearing.

Inhalation: Not likely to be hazardous by inhalation.

Skin Contact: May cause slight irritation.

Ingestion: Ingestion of large quantity may cause stomach upset, vomiting, diarrhea.

Chemical Effect: Carcinogenicity: None.

IRAC: No.

NTP: No.

Chink: No.


Section 4: First Aid Measures

In case of contact with eyes: Immediately flush with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

Inhalation: Remove from exposure area. If there is a fire, proceed as usual. Call a physician if irritation develops.

Ingestion: Dilute with water or milk. Call a physician if necessary.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

ULF: Not Available.

Extinguishing Media: Use any means available except for large fires which may result in exposure hazards.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6: Accidental Release Measures

Hazardous material and must be handled accordingly. Small amounts of the liquid may be flushed to the drain with excess water. Always dispose of in accordance with local regulations.

Section 7: Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage.

Safety Storage: General.

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Clear, colorless liquid.

Odor: Odorless to slight ammoniacal odor.

Reactivity: Reacts with water to release hydrogen.

Specific Gravity: Approximately 1.

pH: Approximately 7.9.

Boiling Point (°C): Not Available.

Melting Point (°C): Not Available.

Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Compatibility: Strong oxidizing agents, amines, amides, nitroso, nitramine, bromine fluorides, brine.

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Section 11. Toxicological Information

LD50 Oral: Rat (Sodium Chloride) 2000 mg/kg, (Mouse) 471 mg/kg. Details of toxic effects not reported other than lethal dose value. LD50, Intraperitoneal, Mouse: (Sodium Chloride Lyophilisate) 20,600 mg/kg, details of toxic effects not reported other than lethal dose value.

Section 12. Ecological Information

Environmental Information: This product is expected to have a low order of toxicity.

Chemical Fate Information: No information found.

Section 13. Disposal Considerations

Dilute with water and flush to sewer if local regulations allow. Do not allow, save for recovery or recycling in an approved waste disposal facility. Dispose of in accordance with local, state, and federal regulations.

Section 14. Transport Information

Part Number:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status: The above items either do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

STELA Status: All components of this solution are listed on the TSCA Inventory or are in solutions (hydrates) of items listed on the TSCA Inventory.

SARA Title III:
Section 302 Extremely Hazardous Substances: Not Applicable.
Section 311/312 Hazardous Categories: No.
Section 313 Toxic Chemicals: Not Applicable.
California: None Reported.
Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: Not Applicable.

Section 16. Other Information

NFPA Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Protective Equipment: 0 (Protective Eyewear, Gloves)

HMS Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Protective Equipment: 0 (Protective Eyewear, Gloves)