1. IDENTIFICATION

Product Identifier
Product Name United 225 RED-W

Other means of identification
SDS # UNITED-225

Recommended use of the chemical and restrictions on use
Recommended Use Water Condensate Gel Tabs
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet
Supplier Address United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number
Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Large red tablet
Physical State Solid
Odor Odorless

Classification

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity – Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Signal word
DANGER

Hazard statements
Harmful if swallowed.
Causes serious eye damage.
Causes skin irritation.
Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Precautionary Statements – Response
IF SWALLOWED: Call a poison center/doctor if you feel unwell. Rinse mouth.
IF ON SKIN: Water with plenty of water. Specific treatment (see on label). If skin irritation occurs: get medical advice/attention. Take of contaminated clothing and wash before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

Precautionary Statements – Storage
Store away from incompatible materials.

Precautionary Statements – Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental Information
5.87% of the mixture consists of component(s) of unknown acute oral toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>57-13-6</td>
<td>53</td>
</tr>
<tr>
<td>Benzyl-C12-18-alkyldimethyl ammonium chlorides</td>
<td>68391-01-5</td>
<td>26.8</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

First Aid Measures

General Advice
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Avoid contact with eyes and skin. Keep out of reach of children.

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Contact
Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Specific treatment (see product label).

Inhalation
Remove person to fresh air and keep comfortable for breathing.

Ingestion
Rinse mouth. Do not induce vomiting.

Most important symptoms and effects

Most Important Symptom
Causes serious eye damage. Symptoms may induce stringing, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Direct contact with skin may cause irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Provide general supportive measures and treat symptomatically.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Treat for surrounding material.

Unsuitable Extinguishing Media None known.

Specific Hazards Arising from the Chemical
During fire, gases hazardous to health may be formed.

Special Protective Equipment and Precautions for Firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting Equipment/Instructions
In the event of fire, cool tanks with water spray.

Specific Methods
Cool containers exposed to flames with water until well after the fire is out.

General Fire Hazards
No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Keep unnecessary personnel away. Keep out of low area. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental Precautions
Do not discharge into lakes, streams, ponds, or public waters.

Methods and material for containment and cleaning up

Methods for Clean-Up
This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Do not get this material in contact with eyes. Avoid contact with skin and clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea (CAS 57-13-6-)</td>
<td>TWA</td>
<td>10 mg/m^3</td>
<td>Total particulate.</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Provide eyewash station. Ensure adequate ventilation.

Biological Limit Values
No biological exposure limits noted for the ingredient(s).

Individual protection measures, such as personal protective equipment

- **Eye/face Protection**
  - Wear safety glasses with side shields (or goggles) and a face shield.

- **Skin Protection**
  - Wear appropriate chemical resistant gloves/clothing.

- **Respiratory Protection**
  - In case of insufficient ventilation, wear suitable respiratory equipment.

- **Thermal Hazards**
  - Not available.

General Hygiene Considerations
When using, do not eat, drink or smoke. Wash hands after handling and before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Red tablet</td>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Color</td>
<td>Red</td>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>8.3 (10% solution)</td>
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<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pour Point</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.981</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper/Lower Flammability Limits</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available.</td>
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</tr>
<tr>
<td>Solubility</td>
<td>100%</td>
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<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
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</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available.</td>
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</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Do not mix with other chemicals

Chemical Stability
Material is stable under normal conditions.
Possibility of Hazardous Reactions
No dangerous reaction known under conditions of normal use.

Conditions to Avoid
Contact with incompatible materials.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
May include and are not limited to: Hydrogen. Ammonia.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

- **Ingestion**: Harmful if swallowed.
- **Inhalation**: Prolonged inhalation may be harmful. May cause irritation to the respiratory system.
- **Skin Contact**: May be irritating to skin.
- **Eye Contact**: Causes serious eye damage.

**Symptoms related to the physical, chemical and toxicological characteristics**
Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**Information on Toxicological Effects**

- **Acute Toxicity**: Harmful if swallowed.

**Benzyl-C12-18-alkyldimethyl ammonium chlorides (CAS 68391-01-5)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Dermal</td>
<td>Rat</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1420 mg/kg</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Mouse</td>
<td>150 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>240 mg/kg</td>
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</tbody>
</table>

**Urea (CAS 57-13-6)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Dermal</td>
<td>Rabbit</td>
<td>21000 mg/kg</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not available</td>
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</tr>
<tr>
<td>Oral LD50</td>
<td>Mouse</td>
<td>11000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>8471 mg/kg</td>
</tr>
</tbody>
</table>
Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.
Reproductive Toxicity: This product is not expected to cause reproductive or developmental affects.
Specific target organ toxicity – single exposure: Not classified.
Specific target organ toxicity – repeated exposure: Not classified.
Aspiration hazard: Not available.
Chronic effects: Prolonged inhalation may be harmful.
Further information: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life.

Persistence/Degradability
No data is available on the degradability of this product.

Bioaccumulation
No data available.
Partition coefficient n-octanol/water (log Kow)

<table>
<thead>
<tr>
<th>Compound</th>
<th>log Kow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>-2.11</td>
</tr>
</tbody>
</table>

Mobility in Soil
No data available.

Mobility in General
Not available.

Other Adverse Effects
No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed as of hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with the chemical or used container. Dispose of contents/container in accordance with local/regulation/national/international regulations.

Local Disposal Regulations
Dispose in accordance with all applicable regulations.

Hazardous Waste Code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from Residues/Unused Products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated Packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warning even after container is emptied.
14. TRANSPORT INFORMATION

In accordance with DOT-SP 10904 (8th Revision) & TDG section 2.4.0: This product is not considered corrosive for transportation as per OECD 4365 Testing.

DOT
Not regulated.

IATA
Not determined.

IMDG
Not determined.

15. REGULATORY INFORMATION

US Federal Regulations

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TCSA Section 12(b) Export Notification (40 CFR 707, Sub part. D)
Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard Categories</th>
<th>Immediate Hazard</th>
<th>Delayed Hazard</th>
<th>Fire Hazard</th>
<th>Pressure Hazard</th>
<th>Reactivity Hazard</th>
<th>SARA 302 Extremely Hazardous Substance</th>
<th>SARA 311/312 Hazardous Chemical</th>
<th>SARA 313 (TRI reporting)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Delayed Hazard</td>
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</tr>
<tr>
<td>Fire Hazard</td>
<td></td>
<td></td>
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<tr>
<td>Pressure Hazard</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Reactivity Hazard</td>
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<tr>
<td>SARA 302 Extremely Hazardous Substance</td>
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<td>SARA 311/312 Hazardous Chemical</td>
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<td></td>
<td></td>
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<tr>
<td>SARA 313 (TRI reporting)</td>
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</tr>
</tbody>
</table>
Other Federal Regulations

| Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List | Not regulated. |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) | Not regulated. |
| Safe Drinking Water Act (SDWA) | Not regulated. |
| Food and Drug Administration (FDA) | Not regulated |

US State Regulations

| California Proposition 65 – Carcinogens & Reproductive Toxicity (CRT) | Not listed. |
| Minnesota Haz Subs | Urea (CAS 57-13-6) Listed. |
| Texas Effects Screening Levels | Benzyl-C12-alkyldimethyl ammonium chlorides (CAS 68391-01-5) Listed. |
| | Urea (CAS 57-13-6) Listed. |
| Massachusetts RTK | Not regulated. |
| Pennsylvania RTK | Not regulated. |
| Rhode Island RTK | Not regulated. |

Country(s) or region | Inventory name | On inventory (yes/no)
--- | --- | ---
United States & Puerto Rico | Toxic Substances Control Act (TCSA) inventory | Yes

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
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</tbody>
</table>

Issue Date: 02-Apr-2012  
Revision Date: 07-Jul-2015  
Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet