

Issue Date 02-Apr-2012

Revision Date: 07-Jul-2015

Version 2

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

Acute Toxicity – Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

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 off 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

Chemical Name	CAS Number	%
Urea	57-13-6	53
Benzyl-C12-18-alkyldimethyl ammonium chlorides	68391-01-5	26.8

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.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Provide general supportive measures and treat symptomatically.
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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

Components	Type	Value	Form
Urea (CAS 57-13-6-)	TWA	10 mg/m ³	Total particulate.

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

Physical State	Solid	Odor	Odorless
Appearance	Red tablet	Odor Threshold	Not determined
Color	Red		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.3 (10% solution)	
Melting Point/Freezing Point	Not available.	
Boiling Point/Boiling Range	Not available.	
Pour Point	Not available.	
Specific Gravity	0.981	
Partition Coefficient	Not available.	
Flash point	Not available.	
Evaporation rate	Not available.	
Flammability	Not applicable	
Upper/Lower Flammability Limits	Not available.	
Vapor Pressure	Not available.	
Vapor Density	Not available.	
Relative Density	Not available.	
Solubility	100%	
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
Viscosity	Not available.	
VOC Content	None	

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

Components	Species	Test Results
Acute		
<i>Dermal</i>		
LD50	Rat	2000 mg/kg
		1420 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	150 mg/kg
	Rat	240 mg/kg

Urea (CAS 57-13-6)

Components	Species	Test Results
Acute		
<i>Dermal</i>		
LD50	Rabbit	21000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	11000 mg/kg
	Rat	8471 mg/kg

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)

Urea	-2.11
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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)

Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely Hazardous Substance		No
SARA 311/312 Hazardous Chemical		No
SARA 313 (TRI reporting)		Not regulated

