



# Safety Data Sheet

Issue Date: 23-Jun-2020

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** United 665 MAXX DEFENSE RTU

### Other means of identification

**SDS #** UNITED-665

### Recommended use of the chemical and restrictions on use

**Recommended Use** Ready-to-use disinfectant cleaner

**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

### Emergency Telephone Number

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

## 2. HAZARDS IDENTIFICATION

**Appearance** Light purple liquid

**Physical State** Liquid

**Odor** Clean and Fresh

### Classification

Eye damage/eye irritation

Category 2B

### Signal Word

Warning

### Hazard Statements

Causes eye irritation.

### Precautionary Statements - Prevention

Wash hands thoroughly after handling.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical attention/advice.

### Precautionary Statements - Storage

Keep container tightly closed. Keep only in original packaging.

### Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional and national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
n-alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5	0.07
n-alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)	68956-79-6	0.07
Water	7732-18-5	95-99

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\* These chemicals are listed because in their bulk form, they meet the OSHA definition of hazardous.

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Immediately flush with plenty of water for 15 minutes, while holding eyes open. Remove any contact lenses if present, after the first 5 minutes, then continue rinsing. Get immediate medical advice/attention.
<b>Skin Contact</b>	Prolonged contact may cause irritation marked by redness, slight burning sensation.
<b>Inhalation</b>	Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.
<b>Ingestion</b>	Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

#### Most important symptoms and effects

<b>Symptoms</b>	Slight discomfort with redness, watering eyes. Prolonged contact may cause irritation marked by redness, slight burning sensation. Skin absorption not expected. Stomach upset, vomiting. Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing. Acute Effects: Irritating to eyes, mild skin irritation.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<b>Unsuitable Extinguishing Media</b>	Not determined.
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#### Specific Hazards Arising from the Chemical

None known.

#### Hazardous Decomposition Products

Carbon dioxide, carbon monoxide, nitrogen

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use cool water to cool equipment and to disperse vapors.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Keep unauthorized personnel away.

**Environmental Precautions** Avoid discharged into open waterways. Avoid discharge to soil.

**Methods and material for containment and cleaning up**

**Methods for Containment and Clean-up**

Small spills: Avoid runoff into storm sewers and ditches which lead to waterways. Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**General procedures**

Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined area. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

May be harmful to aquatic life. No other special requirements.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**General Procedures** Do not contaminate water, food, or feed by storage or disposal.

**Advice on Safe Handling** Avoid contact with eyes and skin. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

Store at ambient temperatures and ambient atmosphere pressure.

**Incompatible Materials** Strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Rubber or other chemical resistant gloves. No other protective clothing required.

**Respiratory Protection** A respirator is not needed under normal and intended conditions of product use.

**General Hygiene Considerations** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Clean and Fresh
<b>Appearance</b>	Liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Light purple		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	10-11	

<b>Melting Point/Freezing Point</b>		
<b>Boiling Point/Boiling Range</b>	100 °C / 212 °F	
<b>Flash Point</b>	None	
<b>Evaporation Rate</b>	1.0	(Water=1)
<b>Flammability (Solid, Gas)</b>	Not applicable	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	20mm Hg at 20°C (68°F)	
<b>Vapor Density</b>	~ 1 Air=1	
<b>Specific Gravity</b>	0.995-1.031	
<b>Water Solubility</b>	Complete	
<b>Density</b>	<b>8.33 at 20°C (68°F)</b>	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not applicable	
<b>Decomposition Temperature</b>	Not determined	
<b>Viscosity</b>	Water thin	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>Percent volatile</b>	>98	
<b>VOC</b>	None	

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive / stable under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing. Hazardous polymerization does not occur.

**Conditions to Avoid**

None expected.

**Incompatible Materials**

Strong oxidizers.

**Hazardous Decomposition Products**

None expected.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

<b>Eye Contact</b>	Causes mild to moderate eye irritant
<b>Skin Contact</b>	May cause skin irritation with prolonged or repeated contact.
<b>Inhalation</b>	Mist may be irritating to nose, throat and lungs.
<b>Ingestion</b>	Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
n-alkyl dimethyl benzyl ammonium chloride (C12-C18)	= 1890 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
n-alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)	= 500 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

DERMAL LD50: > 2000 mg/kg male and female rabbits. ORAL LD50: > 5000 mg/kg Male and Female rats.

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by IARC  
No known significant effects or critical hazards.

**Reproductive toxicity-effects** No known significant effects or critical hazards.

**Mutagenicity** No known significant effects or critical hazards.

**STOT-single exposure** No known significant effects or critical hazards.

**Respiratory or skin sensitisation** No known significant effects or critical hazards.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

This material may be toxic to aquatic life.

**Persistence/Degradability**

This product is biodegradable.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at your local office, or the nearest EPA regional office for guidance.

**Product Disposal**

Small quantities (less than 1 gallon) of used material may be flushed to sanitary sewer with copious amounts of water. Larger quantities must be disposed of by a licensed disposal company. Large spills: Consult with local and state authorities for large volume disposal.

**Empty Containers**

Triple rinse container promptly after emptying. Fill container ¼ full with water and recap. Shake for 10 seconds. Drain and repeat. Offer recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.



**EPA: EPA RQ Ingredient** No listed substance.

**CAA (Clean Air Act)**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List – No substance listed  
 Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) – No substance listed.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B

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**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**