

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** United 262 HEPACIDE

### Other means of identification

**SDS #** UNITED-262

**UN/ID No** UN1760

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

**Recommended Use** Broad Spectrum 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  
www.unitedlabsinc.ca

### 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** Purple liquid

**Physical state** Liquid

**Odor** Fruity scent

### Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

### Signal Word

**Danger**

### Hazard statements

Causes severe skin burns and eye damage.



### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician. 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 or doctor/physician. If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If swallowed: Rinse mouth. Do not induce vomiting.

**Precautionary Statements - Storage**

Store in accordance to local, regional, national and international regulations.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Other hazards**

Toxic to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary	Proprietary	<5
Proprietary	Proprietary	<5
Proprietary	Proprietary	<5
N-Alkyl dimethyl benzyl ammonium chloride C12-C14	68391-01-5	2.37
N-Alkyl dimethyl benzyl ammonium chloride C12-C18	68956-79-6	2.37

\*\*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.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>General Advice</b>	Immediately call a poison center or doctor/physician.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting.

**Most important symptoms and effects**

<b>Symptoms</b>	Causes severe skin burns and eye damage.
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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.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Avoid discharges into open waterways. Avoid discharges to soil.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Absorb with dry earth, sand, or other non-combustible material and transfer to containers. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.

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

**Storage Conditions** Store locked up. Store in area inaccessible to children. Close container after each use. Store at ambient temperatures.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

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

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations. Chemical splash goggles recommended.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection. Rubber or chemical resistant gloves recommended.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements. Normally not required. Avoid breathing mists.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Fruity scent
<b>Appearance</b>	Purple liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Purple		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	11.5-12.5	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	212°F/100°C	
<b>Flash Point</b>	Not applicable	
<b>Evaporation Rate</b>	~ 1	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	20 mm/Hg	
<b>Vapor Density</b>	~ 1	
<b>Relative Density</b>	8.66	
<b>Water Solubility</b>	Complete	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>Specific Gravity</b>	1.050	
<b>VOC Content</b>	None	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Oxidizing materials. Keep out of reach of children.

### Incompatible Materials

Strong acids, oxidizers.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

<b>Eye Contact</b>	Causes severe eye damage.
<b>Skin Contact</b>	Severe skin irritant. May cause severe skin burns.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

**Component Information**

Chemical Name	Oral LD <sub>50</sub> (Rat)	Dermal LD <sub>50</sub> (Rabbit)	Inhalation LC <sub>50</sub>
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	>1890 mg/kg	>2000 mg/kg	-
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	>500	>2000	-

**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** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Sensitization** No information available.

**Reproductive effects** None known.

**Target Organs** None known.

**Mutagenicity** No information available.

**Numerical measures of toxicity** The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (oral)** 5,838.00 mg/kg  
**ATEmix (dermal)** 42,471.00 mg/kg  
**ATEmix (inhalation-dust/mist)** 14.80 mg/L

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

Not determined.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Proprietary	Corrosive

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. One (1) gallon containers or less, Consumer Commodity ORM-D.

**DOT**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s. (Alkyl dimethyl benzyl ammonium chloride)  
**Hazard Class** 8  
**Packing Group** II

**IATA**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s. (Alkyl dimethyl benzyl ammonium chloride)  
**Hazard Class** 8  
**Packing Group** II

**IMDG**

**UN/ID No** UN1760  
**Proper Shipping Name** Corrosive liquid, n.o.s. (Alkyl dimethyl benzyl ammonium chloride)  
**Hazard Class** 8  
**Packing Group** II  
**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCs	IECSC	KECL	PICCS	AICS
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X		X			
Proprietary	X	X	X	Present	X	Present	X	X

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCs - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**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).

**US State Regulations**

**California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act)**

Regulated. EPA 61178-1-9250.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal Protection</b> n & p

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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 a 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**