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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Proprietary</td>
<td>&lt;5</td>
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<tr>
<td>N-Alkyl dimethyl benzyl ammonium chloride C12-C14</td>
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</tr>
<tr>
<td>N-Alkyl dimethyl benzyl ammonium chloride C12-C18</td>
<td>68956-79-6</td>
<td>2.37</td>
</tr>
</tbody>
</table>

*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.*

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### 4. FIRST-AID MEASURES

**First Aid Measures**

- **General Advice**
  Immediately call a poison center or doctor/physician.

- **Eye Contact**
  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.

- **Skin Contact**
  Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

- **Inhalation**
  Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

- **Ingestion**
  Rinse mouth. Do not induce vomiting.

**Most important symptoms and effects**

- **Symptoms**
  Causes severe skin burns and eye damage.

**Indication of any immediate medical attention and special treatment needed**

- **Notes to Physician**
  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
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Purple liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Purple</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Fruity scent</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Purple liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Fruity scent</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
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<tr>
<td>pH</td>
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<td>Melting Point/Freezing Point</td>
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<td>Flash Point</td>
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<td>Evaporation Rate</td>
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<td>Flammability (Solid, Gas)</td>
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<td>Flammability Limits in Air</td>
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<td>Upper Flammability Limit</td>
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<td>Relative Density</td>
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<td>Water Solubility</td>
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<td>Solubility in other solvents</td>
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</tr>
<tr>
<td>Partition Coefficient</td>
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<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
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<tr>
<td>Decomposition Temperature</td>
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<tr>
<td>Kinematic Viscosity</td>
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<td>Dynamic Viscosity</td>
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<td>Explosive Properties</td>
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<td>Oxidizing Properties</td>
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<td>Specific Gravity</td>
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<tr>
<td>VOC Content</td>
<td>None</td>
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</tr>
</tbody>
</table>

### 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

Eye Contact  Causes severe eye damage.

Skin Contact  Severe skin irritant. May cause severe skin burns.

Inhalation  Do not inhale.

Ingestion  Do not ingest.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD₅₀ (Rat)</th>
<th>Dermal LD₅₀ (Rabbit)</th>
<th>Inhalation LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)</td>
<td>&gt;1890 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)</td>
<td>&gt;500</td>
<td>&gt;2000</td>
<td>-</td>
</tr>
</tbody>
</table>

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/Depgradability  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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
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</thead>
<tbody>
<tr>
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<td>X</td>
<td>Present</td>
<td>X</td>
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<tr>
<td>Proprietary</td>
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<td>X</td>
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<td>Present</td>
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<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Proprietary</td>
<td>X</td>
<td>X</td>
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<td>Present</td>
<td>X</td>
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<td>X</td>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
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<tr>
<td>HMIS</td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical hazards</td>
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<td>n &amp; p</td>
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</table>

**Issue Date:** 29-Mar-2016  
**Revision Date:** 05-Apr-2016  
**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