1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name United 264 CONTACT

Other means of identification
SDS# UNITED-264

Recommended use of the chemical
And restrictions on use
Recommended use Instant Antiseptic Hand Sanitizer
Uses Advised Against For industrial and institutional use only.

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

Emergency telephone number
Emergency Telephone 800-323-2594 (to reorder)
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
Highly flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation, drowsiness, or dizziness.
Prevention
Keep away from heat, sparks, open flames, hot surfaces. Keep container tightly closed. For large quantities: Ground/bond container and receiving equipment. Use explosion proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear eye protection.

Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. If on the skin (or hair): Take off immediately all contaminated clothing. Wash hands thoroughly after handling. Rinse skin with water or shower. In case of fire use dry chemical, foam, or carbon dioxide. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Get medical advice/attention.

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep cool.

Disposal
Dispose of contents/container in accordance with local, state and federal regulations, in an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>60</td>
<td><em>(</em>)</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1-3</td>
<td><em>(</em>)</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First-aid measures

Skin Contact
First aid is not normally required.

Eye contact
Rinse thoroughly with plenty of water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation
Move the person into the fresh air. If breathing is difficult, administer oxygen. If heartbeat or breathing seems irregular, seek immediate medical attention.

Ingestion
Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops.

Most important symptoms and effects, both acute and delayed

Acute: Causes eye irritation including redness, tearing, and pain. Inhalation of mist or vapors may cause respiratory irritation. Inhalation of vapors may cause nausea, dizziness, and drowsiness. Chronic: Long-term exposure may cause dermatitis.

Indication of any immediate medical attention and special treatment needed
Treatment of overexposure should be directed toward the control of symptoms and the clinical condition.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use methods appropriate for the surrounding fire. Carbon dioxide, standard chemical fire extinguisher, and water fog.

Unsuitable extinguishing media
No information available.
Specific hazards arising from the chemical
None known.

Protective equipment and precautions for firefighters
Wear NIOSH-approved Self-Contained Breathing Apparatus with a full-facepiece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

Hazardous combustion products
Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment. Refer to Section 8 for proper Personal Protective Equipment.

Methods and material for containment and cleaning up

Methods for containment and Cleaning up
Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains.

Waste Disposal
Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA Status: Waste likely considered D0001 (Ignitable waste), under RCRA, however, product should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Keep away from heat, open flames, or other sources of ignition. Store in a cool, dry area. Keep container tightly closed when not in use. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Keep out of reach of children.

Read and follow the directions on the product label.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials
Strong alkalis, oxidizers, bases, reactive agents, and natural rubber.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td>-</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td>-</td>
</tr>
<tr>
<td>64-17-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Engineering Controls
General ventilation and local exhaust should be adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear eye protection.

Skin and body protection
Wash hands thoroughly after handling.

Respiratory protection
Not required.

Other information
Take precautionary measures against static discharge.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Gel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Lemon</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>7-7.8</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>64°F (17.8°C) estimated</td>
<td></td>
</tr>
<tr>
<td>Boiling point and Boiling range</td>
<td>80°C (176°F)</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;0.8 (Slow)</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Highly Flammable Liquid</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.895-0.915 @ 77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>100% water</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Extrapulated Kinematic Viscosity is 240 mm²/s</td>
<td></td>
</tr>
<tr>
<td>VOC</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
No information available.

Chemical stability
Material is stable at normal conditions.

Possibility of Hazardous Reactions
None known.

Conditions to avoid
Excess heat, open flames, sparks, electric equipment, ignition sources, and incompatible materials.

Incompatibles
Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.
Hazardous Decomposition Products
None known.

### 11. TOXICOLOGICAL INFORMATION

**Ethyl Alcohol (64-17-5)**  
Oral LD50 Rat: >7430 mg/kg  
Dermal LD50 Rabbit 15633 mg/kg  
Inhalation LC50 Rat 115.6 mg/L 4hr.

**Isopropyl Alcohol (67-63-0)**  
Oral LD50 Rat 5045 mg/kg  
Dermal LD50 Rabbit 12870 mg/kg  
Inhalation LC50 Rat 78.6 mg/L 4hr.

**Carcinogenic Effects:**  
OSHA: No  
ACGIH: No  
NTP: No  
IARC: No  
OTHER: N/A

Ethyl alcohol possesses properties that indicate a carcinogenicity hazard for human health, but these are manifest only at doses associated with the consumption of alcoholic beverages.

**Inhalation:**  
No hazards with normal use. May cause irritation of the respiratory tract.

**Ingestion:**  
Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation.

**Eye:**  
Causes irritation, redness, tearing, and pain.

**Skin:**  
Product is meant to be applied to the skin. If you suspect a reaction discontinue use, take off clothing, and rinse skin immediately with water for 15-20 minutes.

**Acute hazards:**  
Causes eye irritation including redness, tearing, and pain. Inhalation of mist or vapors may cause respiratory irritation. Inhalation of vapors may cause nausea, dizziness, and drowsiness.

**Chronic hazards:**  
Long-term exposure may cause dermatitis.

**Signs and Symptoms:**  
Headache, drowsiness, lassitude, loss of appetite, inability to concentrate, irritation of throat/eye/skin, depression of the central nervous system, nausea, vomiting, diarrhea, and skin defatting.

**Medical condition aggravated:**  
Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by overexposure.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
No information available.

**Persistence and degradability**
This product is biodegradable.

**Bioaccumulation**
This product is not expected to bioaccumulate.

**Mobility in Soil**
This product is mobile in soil.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**
Disposal should be in accordance with applicable state, federal and local rules and regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

**RCRA Status**
Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### 14. TRANSPORT INFORMATION

**DOT**
**PROPER SHIPPING NAME:** Packaging less than or equal to 1.3 Gallons: Cleaning Compound, N.O.S. Packaging larger than 1.3
Gallons: Ethanol Solutions
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN 1170
PACKING GROUP: For inner packaging less than or equal to 5 liters, PG III (PG reclassified per CFR 173.121(b) Criteria for inclusion of viscous Class 3 materials in Packing Group III, allowing for LTD QTY status per CFR 173.150), or else for larger non-bulk containers PG II.

AIR SHIPMENT
PROPER SHIPPING NAME: Ethanol Solutions
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN 1170
PACKING GROUP: For packaging less than or equal to 10 liters, PG III (PG reclassified per IARC Dangerous Goods Regulations 3.3.3.1.1 (a)-(d) for Viscous Substances). For larger non-bulk containers PG II.

IMDG
PROPER SHIPPING NAME: Ethanol Solutions
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN 1170
PACKING GROUP: For inner receptacles less than 450 Liter, PG III (PG reclassified per IMDG Chapter 2.3, paragraph 2.3.2.2 for Viscous Flammable Liquids), otherwise PG II

ENVIRONMENTAL HAZARDS WATER: N/A

15. REGULATORY INFORMATION

TSCA - All components are listed or exempted.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-Yes

US Federal Regulations

SARA 311/312 Hazard Categories

Superfund Amendments and Reauthorization Act of 1986
  Acute health hazard Yes
  Delayed hazard Yes
  Fire hazard Yes
  Sudden release of pressure hazard No
  Reactive Hazard No
  Serious eye damage or eye irritation. STOT (single or repeated exposure)

SARA 313 (TRI reporting)
This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

State Regulations: California Proposition 65:
None. Triethanolamine (102-71-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Existing and New Chemical Substances (ENCS, Japan); Korea Existing Chemical Inventory (KECI, Korea); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

CERCLA - The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQs) listed in 40 CFR 302.4.
  Ethyl acetate (141-78-6) Reportable Quantity = 5000 pounds. Acrylic acid (79-10-7) Reportable Quantity = 5000 pounds.
  Cyclohexane (110-82-7) Reportable Quantity = 1000 pounds.
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

Issue Date 10-Aug-2020
Revision Date 30-Sept-2022
Revision Note Updated

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