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
www.unitedlabsinc.ca

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>Flammable liquids</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irritant</td>
<td>Category 2b</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
Highly flammable liquid and vapor. Causes eye irritation.
Prevention
Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Wear eye protection.

Response
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash hands thoroughly after handling. 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: Get medical advice or attention. In case of fire use dry chemical, foam or carbon dioxide.

*Large quantities: Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting Equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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 national regulations.

Hazard(s) not otherwise classified (HNOC)
0% of the mixture consists of ingredient(s) of unknown toxicity.

### 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>*</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>.5-1.5%</td>
<td>*</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**

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: Get medical advice or attention.

**Inhalation**

Remove individual to fresh air. If breathing is difficult, administer oxygen. If heartbeat or breathing seems irregular seek immediate medical attention.

**Ingestion**

If swallowed: Rinse mouth. Do not induce vomiting. Get medical advice or attention.

**Most important symptoms and effects, both acute and delayed**

No known acute/chronic effects.

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

There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
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 SCBA with a full face piece 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.

Specific Methods
Use standard firefighting procedures and consider the hazards of other involved materials.

Hazardous combustion products
None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
See Section 8 for proper Personal Protective Equipment.

Environmental precautions
See Section 12 for additional ecological information.

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. Dispose of 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
Product should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice. Wear eye protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and a well-ventilated place. Use only non-sparking tools. Take precautionary measures against static discharge.

Incompatible materials
Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>Isopropyl Alcohol</td>
<td>400 ppm</td>
<td>500 ppm</td>
<td>-</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NIOSH IDLH Immediately Dangerous to Life and Health

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  None needed for proper use in accordance, with label directions and adequate ventilation.
General Hygiene  Handle in accordance with good industrial hygiene and safety practice.  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>Water white</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus odor</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>7.0-8.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.905 @ 77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>53°F (12°C) estimated</td>
<td></td>
</tr>
<tr>
<td>Boiling point and Boiling range</td>
<td>176°F (80°C)</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>Not established.</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>No information available.</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>Density Lbs./Gal</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>VOC (weight %)</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity  None known.

Chemical stability  Material is stable at normal conditions.

Possibility of Hazardous Reactions  None under normal processing.

Conditions to avoid  Sources of ignition.

Incompatibles  Strong oxidizing agents.
**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**  
Eyes, Ingestion, Inhalation

**Product Information**

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

**Eye Contact** – May cause mild irritation.

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

**Ingestion** - Not likely route of exposure under normal product handling conditions.

**Information on toxicological effects**

**Symptoms** – No information available.

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

**Sensitization** – No information available.

**Germ cell mutagenicity** – No information available.

**Carcinogenicity** – Ethyl Alcohol has been shown to carcinogenic in long-term studies only when consumed as alcohol beverage.

**Reproductive toxicity** – No information available.

**STOT – single exposure** – No information available.

**STOT – repeated exposure** – No information available.

**Aspiration hazard** – No information available.

**Chronic toxicity** – No information available.

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

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
No information available.

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

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

**Soil mobility**
This product is mobile in the soil.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

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

**RCRA Status**
Product should be fully characterized prior to disposal (40CFR261).
## 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN/ID No.</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Cleaning, scouring or washing compounds or soap.</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMDG</th>
<th>UN/ID No.</th>
<th>UN1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Ethanol Solutions</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>Limited quantity (F.P. 23°C / 74°F)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IATA</th>
<th>UN/ID No.</th>
<th>UN1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>Ethanol Solutions</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Packing Group</td>
<td>Limited quantity (F.P. 23°C / 74°F)</td>
<td></td>
</tr>
</tbody>
</table>

## 15. REGULATORY INFORMATION

### International Inventories
All components are listed or exempted.

**Legend:**
- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory-Yes
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List-No

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).*

### US Federal Regulations

#### SARA 311/312 Hazard Categories

**Superfund Amendments and Reauthorization Act of 1986**

| Acute health hazard | No |
| Delayed hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

**SARA 313 (TRI reporting)**
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).

**CERCLA**
This material, as supplied, does not contain a substance regulated as a 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).

### US State Regulations

**California Proposition 65**
This product does not contain a chemical known to the State of California to cause cancer.
16. OTHER INFORMATION

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

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal protection</td>
<td>A</td>
</tr>
</tbody>
</table>

Issue Date 10-Aug-2015
Revision Date 27-Dec-2017
Revision Note Revised

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