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>Acute toxicity – Oral</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity – Dermal</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Warning

Hazard statements

Highly flammable liquid and vapor. Toxic to aquatic life with long lasting effects.
Prevention
Avoid release to the environment.

Response
If inhaled: move to fresh air. If on skin: wash skin with soap and water. If in eyes: Rinse eyes thoroughly. If swallowed: Rinse mouth with water. (See Section 4 on this SDS).

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

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations, in an approved waste disposal plant.

Hazard(s) not otherwise classified (HNOC)
0.91% 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>Ethanol</td>
<td>64-17-5</td>
<td>60-100</td>
<td>*</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>10-30</td>
<td>*</td>
</tr>
<tr>
<td>2-Phenoxyethanol</td>
<td>122-99-6</td>
<td>.1-1</td>
<td>*</td>
</tr>
<tr>
<td>2-Ammio-1-Methyl-1-Propanol</td>
<td>124-68-5</td>
<td>&lt;0.1</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
Wash skin with soap and water.

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation
Remove individual to fresh air.

Ingestion
Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use appropriate extinguishing measures that are appropriate to local circumstance and the surrounding environment.

Unsuitable extinguishing media  Caution: use a water spray when fighting fire may be inefficient.

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.

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
Especially in confined areas, ensure adequate ventilation.

Environmental precautions

Environmental precautions
See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

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

Methods for cleaning up
Soak up/pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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

Incompatible materials
None known.

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>Ethanol 64-17-5</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm, TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm, TWA: 1900 mg/m³ (vacated)</td>
<td>IDLH: 3300 ppm, TWA: 1000 ppm, TWA: 1900 mg/m³</td>
</tr>
</tbody>
</table>

NIOSH IDLH Immediately Dangerous to Life or Health
Engineering Controls
Shower, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

- **Eye/face protection**: No special technical protective measures are necessary.
- **Skin and body protection**: No special technical protective measures are necessary.
- **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.

**Other information**: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v OSHA, 965 F. 2d 962 (11th Cir. 1992).

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Gel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Water White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus Scent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>6.5-7.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>.85 to .90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>9000 to 15,000 cP @ 25°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>65°F (18°C) estimated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point and Boiling range</td>
<td>140°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt;1</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Complete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
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</tr>
<tr>
<td>Density Lbs./Gal</td>
<td>7.255</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC (weight %)</td>
<td>74.2</td>
<td></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 under normal processing.
Conditions to avoid
Avoid temperatures exceeding extreme temperatures and direct sunlight.

Incompatibles
None known.

Hazardous Decomposition Products
None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Eyes, Ingestion, Inhalation, Skin.

Product Information

Inhalation - Avoid breathing vapors or mists.

Eye Contact – Avoid contact with eyes.

Skin Contact – None known. Repeated exposure may cause skin dryness or cracking.

Ingestion - Do not taste or swallow.

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 – Ethanol has been shown to carcinogenic in long-term studies only when consumed as alcohol beverage.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>A3</td>
<td>Group 1</td>
<td>Known carcinogen</td>
<td>X - present</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Animal Carcinogen</td>
<td>Carcinogenic to humans</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reproductive toxicity – No information available.

STOT – single exposure – No information available.

STOT – repeated exposure – No information available.

Aspiration hazard – No information available.

Chronic toxicity – Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin. Target organ effects are with blood, Central Nervous System, Eyes, Liver, Reproductive system, Respiratory system and skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity
0.91% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Persistence and degradability
No information available.

Bioaccumulation
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>-0.32</td>
</tr>
<tr>
<td>64-17-5</td>
<td></td>
</tr>
<tr>
<td>2-Phenoxyethanol</td>
<td>1.13</td>
</tr>
<tr>
<td>122-99-6</td>
<td></td>
</tr>
</tbody>
</table>
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Local disposal regulations
Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

14. TRANSPORT INFORMATION

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the “Consumer Commodity-ORM-D” marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the “Consumer Commodity ORM-D” marking and both may be displayed concurrently.

DOT
UN/ID No. UN1993
Proper shipping name Flammable liquids, n.o.s.
Transport hazard class(es) 3
Packing Group II

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 not 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).
California Proposition 65
This product does contain a chemical known to the State of California to cause cancer. Ethanol (64-17-5), Developmental.

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-Phenoxyethanol 122-99-6</td>
<td>X</td>
<td>Yes</td>
<td>X</td>
</tr>
<tr>
<td>2-Amino-2-Methyl-1-Propanol 124-68-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
EPA Pesticide Registration Number – Not Applicable

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>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>Yes</td>
<td>A</td>
</tr>
</tbody>
</table>

HMIS

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2*</td>
<td>3</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

Issue Date 11-Apr-2015
Revision Date 10-August-2015
Revision Note
No Information available

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