

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)

Flammable liquids	Category 2
Eye Irritant	Category 2b

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

Chemical Name	CAS No.	Weight-%	Trade Secret
Ethyl Alcohol	64-17-5	60%	*
Isopropyl Alcohol	67-63-0	.5-1.5%	*

*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

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	1000 ppm	1000 ppm	-
Isopropyl Alcohol 67-63-0	400 ppm	500 ppm	-

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

Physical state	Gel
Appearance	Clear
Color	Water white
Odor	Citrus odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0-8.0	
Specific Gravity	0.905 @ 77°F (25°C)	
Viscosity	No information available	
Melting point/freezing point	No information available.	
Flash point	53°F (12°C) estimated	
Boiling point and Boiling range	176°F (80°C)	
Evaporation rate	<0.8 (slow)	
Flammability (solid, gas)	Highly flammable liquid.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	Not established.	
Vapor density	1	
Relative density	No information available.	
Water solubility	100%	
Dielectric Strength	No information available.	
Partition coefficient	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
Density Lbs./Gal	No information available.	
VOC (weight %)	0%	

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.

Hazardous Decomposition Products

Oxides of carbon.

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 be 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

DOT

UN/ID No.	None
Proper shipping name	Cleaning, scouring or washing compounds or soap.
Transport hazard class(es)	-
Packing Group	-

IMDG

UN/ID No.	UN1170
Proper shipping name	Ethanol Solutions
Transport hazard class(es)	3
Packing Group	Limited quantity (F.P. 23°C / 74°F)

IATA

UN/ID No.	UN1170
Proper shipping name	Ethanol Solutions
Transport hazard class(es)	3
Packing Group	Limited quantity (F.P. 23°C /74°F)

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

<u>NFPA</u>	Health hazards 1	Flammability 3	Reactivity 0	Physical and Chemical Properties None
<u>HMIS</u>	Health hazards 1	Flammability 3	Reactivity 0	Personal protection A

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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