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Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 562 BAC-OFF

Other means of identification

SDS # UNITED-562

Recommended use of the chemical and restrictions on use

Recommended Use Antibacterial Hand Wipes

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 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Flammable Solid	Category 2
Eye Irritant	Category 2A

Label elements

Signal word WARNING

Hazard statements

Flammable solid
Causes serious eye irritation.
May cause drowsiness or dizziness.



Appearance Clear colorless liquid saturated on towelettes

Physical State Solid

Odor Mint Scent

Emergency Overview

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking
Ground/bond container and receive equipment.
Use explosion-proof electrical/ventilation/lighting/equipment.
Avoid breathing dust/fumes/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously for several minutes. Remove contacts if present and easy to do. Continue rinsing.
Call poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire use water to extinguish.

Precautionary Statements - Disposal

Dispose of contents/container to comply with local/regional/national/international regulations.

Precautionary Statements - Storage

Store according to local rules and regulations.
Store in a well-ventilated place. Keep container tightly closed.

Hazards not otherwise classified (HNOC)

None known

Other Information

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight%
Ethanol	64-17-5	60-100
UNDECETH-5	34398-01-1	0.5-1.5

4. FIRST-AID MEASURES

First Aid Measures

General Advice	If you feel unwell, seek medical advice (show the label where possible).
Eye Contact	Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower.
Inhalation	Remove victim into fresh air.
Ingestion	Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects

Symptoms/injuries	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	None under normal use.
Symptoms/injuries after skin contact	Contact under a long period of time may cause light irritation.
Symptoms/injuries after eye contact	Causes serious eye irritation.
Symptoms/injuries after ingestion	Gastrointestinal complaints.

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

All extinguishing medias allowed.

Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor.

Hazardous Combustion Products Upon combustion: CO and CO₂ are formed.

Protective equipment and precautions for firefighters

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water. Wear self-contained breathing apparatus with full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- General Measures** Isolate from fire, if possible, without unnecessary risk.
- Personal Precautions** Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing. Ventilation spillage area.
- Environmental Precautions** Avoid release into the environment. Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

- Methods for Clean-Up** This material and its container must be disposed of in a safe way, and as per local legislation.
- Method for Containment** Contain release substance, pump into suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on Safe Handling** Keep away from heat, hot surfaces, sparks, open flame, and other ignition sources. No smoking. Keep container tightly closed.
- Hygiene Measure** Wash thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

- Technical Measures** Comply with applicable regulations.
- Storage Conditions** Keep container closed when not in use.
- Incompatible Products** Oxidizing agents.
- Prohibitions on Mixed Storage** Keep substance away from: Oxidizing agents.
- Storage Area** Meet legal requirements. Store in cool area. Store in well-ventilated place.
- Special Rules on Packaging** Meet legal requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Precautions

Use appropriate personal protective equipment when risk assessment indicates this is necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Mint
Appearance	Clear colorless liquid saturated on towelettes	Odor Threshold	Not determined
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	Literary Reference
Boiling Point/Boiling Range	>95°F (>35°C)	

Flash Point	70°F (21°C) Closed cup	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.88g/ml	(1=Water)
Water Solubility	Liquid component is soluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Property	Values	Remarks • Method
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	<75%	

10. STABILITY AND REACTIVITY

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical Stability

No information available.

Possibility of Hazardous Reactions

No information available.

Conditions to Avoid

No information available.

Incompatible Materials

No information available.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
UNDECETH-5 34398-01-1	>1400mg/kg (Rat)	-	-
Ethanol 64-17-5	10740mg/kg body weight (Rat)	>16000mg/kg (Rabbit)	-

Information on likely routes of exposure

Product Information

Eye Contact	Causes serious eye irritation.
Skin Contact	May cause possible dryness with prolonged contact.
Inhalation	No hazards anticipated under normal use.

Ingestion May cause gastrointestinal irritation.

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 No information available.

Germ Cell Mutagenicity No information available.

Reproductive Toxicity No information available

Special Target Toxicity (Single Exposure) May cause drowsiness or dizziness.

Special Target Toxicity (Repeated Exposure) No information available.

Aspiration Hazard No information available

Symptoms/injuries after inhalation None under normal use.

Symptoms/injuries after skin contact Contact under a long period of time may cause light irritation.

Symptoms/injuries after eye contact Causes serious eye irritation.

Symptoms/injuries after ingestion Gastrointestinal complaints.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life. Avoid releasing to the environment.

Persistence/Degradability

Readily biodegradable in water. Biodegradable in soil.

Bioaccumulation

Low potential of bioaccumulation.

Mobility

Highly mobile in soil.

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. Do not flush wipes.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	This product may be eligible to be shipped as a Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.151
<u>DOT</u>	Consumer Commodity ORM-D
<u>IATA</u>	Not determined
<u>IMDG</u>	Not determined

15. REGULATORY INFORMATION

US Federal Regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substance Control Act (TSCA) inventory.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65

This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

