

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 351 DISINFECTANT SPRAY

Other means of identification

SDS# UNITED 351

**Recommended use of the chemical
And restrictions on use**

Recommended use Disinfectant-Deodorant
Uses Advised Against For institutional and industrial 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)

Carcinogenicity	Category 1A
Flammable liquids	Category 2

Label elements

Emergency Overview

Danger

Hazard statements

Highly flammable liquid and vapor. May cause cancer.



Appearance Clear light yellow liquid

Physical state Liquid

Odor Floral-alcohol scent

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools.

Response

If exposed or concerned: Get medical attention/advice. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use CO₂, dry chemical, or foam for extinction.

Storage

Store in well ventilate area. Keep away from heat sources. Keep container tightly sealed when not in use. Keep cool. Keep from freezing.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental hazards

Do not contaminate water, food, or feed by storage or disposal.

Hazard(s) not otherwise classified (HNOC)

No information available.

Supplemental information**Hazard statement**

1.298% 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	60-100	*
O-Phenylphenol	90-43-7	<1	*

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

4. FIRST AID MEASURES

First aid measures**Skin Contact**

Wash off with soap and water. Get medical attention if symptoms persist.

Eye contact

Immediately rinse eyes with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.

Inhalation

Move person to fresh air. Get medical attention if symptoms persist.

Ingestion

Rinse mouth. Do not induce vomiting. If swallowed: call a doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Drowsiness. Dizziness.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray. Carbon dioxide (CO2). Dry chemical. Alcohol-resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Will be easily ignited by heat, sparks or flames. Flammable. Keep product and empty container away from heat and sources of ignition.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges.

Environmental precautions

Environmental precautions Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Prevent material from entering sewers and public waterways.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep away from open flames, hot surfaces and sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.

Incompatible materials Strong oxidizers and acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	TWA: 1000 ppm	TWA: 1900 mg/m ³ TWA: 1000 ppm (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1900 mg/m ³ TWA: 1000 ppm

Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits. NIOSH IDLH.

Other Exposure Guidelines

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

Appropriate engineering controls

Engineering Controls Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear safety glasses with side-shields. If splashes are likely to occur, wear safety goggles. None required for consumer use.
- Skin and body protection** Wear protective gloves/clothing. None required for consumer use.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene When using do not eat, drink or smoke. Always observe good personal hygiene measures. Regular cleaning of equipment, work area and clothing is recommended, to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear light yellow liquid
Color Clear light yellow
Odor Floral-alcohol scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.2-10.2	(H2O=1)
Specific Gravity	0.870	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	17.2°C/63°F	
Boiling point/boiling range	80°C/176°F	
Evaporation rate	No information available.	
Flammability Limit – lower	No information available.	
Flammability Limit – upper	No information available.	
Flammable properties	Flammable liquid	
Vapor pressure	75-85 psig@70°F estimated.	
Vapor density	>1 (air=1)	
Relative density	No information available.	
Water Solubility	Complete	
Partition coefficient (n-octanol/water)	No information available.	
Auto-ignition temperature	No information available.	
Decomposition temperature	No information available.	
Viscosity	No information available.	
Density	No information available.	
Flame extension	No information available.	
Flammability class	No information available.	
Heat of combustion	No information available.	
Heat of combustion (NFPA 30B)	No information available.	
Percent volatile	No information available.	
VOC (weight %)	<68%	

10. STABILITY AND REACTIVITY

Reactivity

This product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	May cause central nervous system depression with nausea, headache, dizziness, vomiting and incoordination.
Eye contact	May cause slight irritation.
Skin Contact	Prolonged skin contact may defat the skin and produce dermatitis.
Ingestion	Ingestion may cause irritation to mucous membranes. May cause additional affects as listed under "inhalation".
Symptoms related to the physical, chemical and toxicological characteristics	May cause dizziness and drowsiness.

Information on toxicological effects

Acute toxicity 1.295% of the mixture consists of ingredient(s) of unknown toxicity.

Chemical Name	Dermal LD ₅₀	Oral LD ₅₀	Inhalation LC ₅₀ /Other*
Nonoxynol-10	= 2mL/kg (Rabbit)	= 1310 mg/kg (Rat)	-
O-Phenylphenol 90-43-7	>2000 mg/kg (Rat)	= 1049 mg/kg	>0.949 mg/L (Rat 1 hr)

*Estimates for product may be based on additional component data not shown.

Skin/Eye irritation	May cause slight irritation.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product is considered to be a carcinogen by IARC, ACGIH, NTP or OSHA. O-Phenylphenol (90-43-7) IARC Group 3. Ethyl Alcohol ACGHI-A3 and IARC Group 1 and NTP Known Carcinogen.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Chemical Name	Partition coefficient n-octanol / water (log Kow)
Ethyl Alcohol 64-17-5	-0.32
0-Phenyphenol 90-43-7	3.18

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Considerations	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
Contaminated packaging	Do not re-use empty containers. Empty containers pose a potential fire hazard. Do not cut, puncture or weld containers.
US EPA Waste Number	D001

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

Proper shipping name	Consumer Commodity
Hazard class	ORM-D
Description	Consumer Commodity, ORM-D
Emergency Response Guide#	127

IATA

UN/ID No.	ID8000
Proper shipping name	Consumer Commodity
Hazard class	9
ERG Code	9L
Description	IS8000, Consumer Commodity, 9

IMDG

UN/ID No.	UN1170
Proper shipping name	Ethanol solution
Hazard class	3
Packing group	II
EmS No.	F-E, S-D
Description	UN1170, Ethanol solution, 3, II (17.2°C c.c.), Limited Quantity

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Complies
DSL/NDL - Canadian Domestic Substances List - Complies

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

SARA 302 Extremely hazardous substance and SARA 311/312-Hazardous chemical-

No.

Clean Water Act (CWA)

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 any substances regulated as 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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm. Ethyl alcohol (64-17-5), *this is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.* O-phenylphenol (90-43-7), *Carcinogen.*

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethyl Alcohol	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number – 11694-98-9250

16. OTHER INFORMATION

NFPA	Health hazards	1	Flammability	3	Reactivity	0	Physical/Chemical Hazards - Personal protection n&p
HMIS	Health hazards	*1	Flammability	3	Reactivity	0	

Issue Date 18-May-2010
Revision Date 03-May-2016
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