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Version 3

1. PRODUCT AND COMPANY IDENTIFICATION**Product identifier****Product Name** United 368 HARD-D WIPES**Other means of identification****SDS#** UNITED - 368**Recommended use of the chemical
and restrictions on use****Recommended use** Hand Surface Disinfectant Wipes
Uses Advised Against None reasonably foreseeable.**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****Company Phone Number** 800-323-2594 (to reorder)
Emergency Telephone INFOTRAC 1-800-535-5053
1-352-323-3500 (International)**2. HAZARDS IDENTIFICATION****Appearance** White cloth impregnated
with clear, colorless liquid**Physical State** Solid**Odor** Mild Odor**Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Eye Irritation

Category 2

Label elements**Emergency Overview****Warning****Hazard statement**

Causes serious eye irritation.



Precautionary Statements**Prevention**

Obtain special instructions before use. Wash thoroughly after handling. Wear eye protection, protective clothing and protective gloves.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation continues: Get medical advice/attention.

Storage

Store locked up.

Disposal

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

Hazards not otherwise classified (HNOC) None.

Other Information None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	112-34-5	7-13	*
Tetrasodium Ethylenediaminetetracetate	64-02-8	1-5	*

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

4. FIRST AID MEASURES

First aid measures

General information	If you feel unwell, seek medical advice (show the label where possible).
Skin Contact	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Rinse mouth. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms	Causes serious eye irritation. Suspected of causing cancer.
Inhalation	None under normal use.
Skin contact	Contact during a long period may cause slight irritation.
Eye contact	Causes serious eye irritation.
Ingestion	May be harmful if swallowed. Gastrointestinal complaints.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

All extinguishing media allowed.

Specific hazards arising from the chemical

Reactivity: upon combustion: CO and CO₂ are formed.

Protective equipment / advice 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. Do not enter the fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures

Isolate from fire, if possible, without unnecessary risk.

For non-emergency personnel

Protective equipment

Safety glasses. Gloves. Protective clothing.

Emergency procedures

Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

For emergency responders

Protective equipment

Equipment cleanup crew with proper protection.

Emergency procedures

Stop leak if safe to do so. Stop release. Ventilate area.

Environmental precautions

Environmental precautions

Avoid release to the environment. Prevent soil and water pollution.

Methods and material for containment and cleaning up

Methods for containment

Contain released substance, pump into suitable containers.

Methods for cleaning up

This material and its container must be disposed of in a safe way, and as per local legislation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

Hygiene measures

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 containers tightly closed when not in use. Store locked up. Keep in the original containers. Store in dry and cool area.

Incompatible materials Strong acids. Oxidizing agents.

Special rules on packaging Meet the legal requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Exposure guidelines noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm	N/A	N/A
Tetrasodium ethylenediaminetetracetate 64-02-8	N/A	N/A	N/A

NIOSH IDLH Immediately Dangerous to Life or Health

Engineering Controls

Individual protection measures, such as personal protective equipment

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid
Appearance	White wipe impregnated with a colorless liquid.
Color	Colorless
Odor	Mild odor
Odor threshold	No Information available
<u>Property</u>	<u>Values</u>
pH	11.5-12.5 Tested using liquid component of the towelette
Specific Gravity	1.01 g/ml Tested using the liquid component of the towelette.
Viscosity	No Information available
Melting point/freezing point	No Information available
Flash point	>200°F Closed Cup Tested using the liquid component of the towelette.
Boiling point / boiling range	No information available
Evaporation rate	No Information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	No information available
Upper flammability limit:	No Information available
Lower flammability limit:	No Information available
Vapor pressure	No Information available
Vapor density	No information available
Water solubility	Liquid component is soluble in water
Partition coefficient	No Information available
Autoignition temperature	No Information available
Decomposition temperature	No Information available
VOC Content (%)	< 0.5%-Tested using the liquid component of the towelette

10. STABILITY AND REACTIVITY

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Refer to Section 10 on Reactivity.

Conditions to avoid

No additional information available.

Incompatible materials

Strong acids. Oxidizing agents.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrasodium ethylenediaminetetracetate 64-02-8	>2000 mg/kg (Rat) ATE CLP – 500.000 mg/kg body wt.	-	-

Information on toxicological effects

Symptoms

After inhalation	None under normal use.
After skin contact	Contact during a long period may cause slight irritation.
After eye contact	Causes serious eye irritation.
After ingestion	May be harmful if swallowed. Gastrointestinal complaints.

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

Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Respiratory or skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

Not readily biodegradable in water. Biochemical oxygen demand (BOD) <0.002 g O₂/g substance. Chemical oxygen demand (COD) 0.54 – 0.58 g O₂/g substance

Bioaccumulation

Not applicable.

Chemical Name	Log Pow
Tetrasodium ethylenediaminetetracate 64-02-8	-2.6

Other adverse effects No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Waste treatment methods Do not flush wipes.

14. TRANSPORT INFORMATION

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

US Federal Regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5), 7-13%.

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 40CFR§372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR372.

SARA 311/312 Hazard Categories

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

US State Regulations

California Proposition 65

This product does not contain any substance(s) known to the state of California to cause cancer and/or reproductive harm.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

16. OTHER INFORMATION

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA	Health hazards 2	Flammability 1	Reactivity 0	Physical and Chemical Properties Yes
HMIS	Health hazards 1	Flammability 1	Reactivity 0	Personal protection B

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Revision Note	Regulatory Revisions

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