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

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

<table>
<thead>
<tr>
<th>Skin Corrosion</th>
<th>Category 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statement
Causes severe skin burns and eye damage. Suspected of causing cancer.
Appearance  White cloth impregnated with clear, colorless liquid

Physical state  Solid

Odor  Mild Odor

Precautionary Statements

Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe mist, spray.
Wash thoroughly after handling.
Wear eye protection, protective clothing and protective gloves.

Response
If swallowed: Rinse mouth. Do not induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention. Immediately call a doctor, a poison center. Wash contaminated clothing before reuse.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>7-13</td>
<td>*</td>
</tr>
<tr>
<td>Tetrasodium Ethylenediaminetetraacetate</td>
<td>64-02-8</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Trisodium Nitrilotriacetate</td>
<td>5064-31-3</td>
<td>0.01-1</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

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 severe skin burns and eye damage. May cause cancer.

**Inhalation**
None under normal use.

**Skin contact**
Caustic burns/corrosion of the skin. Repeated exposure may cause skin dryness or cracking.

**Eye contact**

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
Treat symptomatically.

### 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 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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether 112-34-5</td>
<td>TWA: 10 ppm</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

NIOSH IDLH  Immediately Dangerous to Life or Health

Engineering Controls
Normally not required.

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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Color</td>
<td>White wipe impregnated with a colorless liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Mild odor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>11.5-12.5  Tested using liquid component of the towelette.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01 g/ml  Tested using the liquid component of the towelette.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information available</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrasodium ethylenediaminetetraacetate 64-02-8</td>
<td>&gt;2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Trisodium nitrilotriacetate 5064-31-3</td>
<td>1740 mg/kg (Rat)</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
After inhalation  None under normal use.
After skin contact  Caustic burns/corrosion of the skin. Repeated exposure may cause skin dryness or cracking.
After eye contact  Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Skin corrosion/irritation Causes severe skin burns and eye damage.
Serious eye damage/irritation Not classified.
Respiratory or skin sensitization No Information available.
Germ cell mutagenicity Not classified.
Carcinogenicity Suspected of causing cancer.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trisodium nitrilotriacetate</td>
<td>-</td>
<td>2B</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5064-31-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IARC (International Agency for Research on Cancer)**
- Group 2B - Possibly Carcinogenic to Humans

**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.

**Bioaccumulation**
Not applicable.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrasodium ethylenediaminetetraacetate</td>
<td>64-02-8</td>
</tr>
</tbody>
</table>

**Other adverse effects**
No Information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**
Disposal should be 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 311/312 Hazard Categories**

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

**US State Regulations**

**California Proposition 65**
This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

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 date 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.

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

**Issue Date** 11-Apr-2015  
**Revision Date** 23-Sept-2015  
**Revision Note** Revised

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**