

Issue Date: 13-May-2016

Revision Date: 05-Apr-2019

Version 4

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** UNITED 650 ESA Daily Cleaning and Descaling Wipes

**Other means of identification**

**SDS #** UNITED-650

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

**Recommended Use** Earth Smart® Daily Cleaning and Descaling 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 1-800-535-5053 (North America)  
 1-352-323-3500 (International)

**2. HAZARDS IDENTIFICATION**

**Appearance** Orange towelette

**Physical State** Liquid

**Odor** Fresh sunshine (botanical)

**Classification**

Skin irritation	Category 2
Serious eye irritation	Category 2A
Acute toxicity	Category 4

**Signal Word**

**Warning**

**Hazard Statements**

May cause serious eye irritation. May cause mild skin irritation. May be harmful if swallowed.





## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Alcohol foam.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Thermal decomposition products may be hazardous. These include oxides of carbon, nitrogen and chlorine.

**Hazardous Combustion Products** When strongly heated, as in a fire, this product may produce nitrogen oxide fumes and acid mist.

### 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** Use personal protective equipment as required.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Absorb spills with dry sand or earth, then place in chemical waste container for disposal. Neutralize washings with base such as soda ash or lime. Flush residual spill area with large amounts of water. Exercise caution during neutralization as considerable heat may be generated.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. When diluting, always add acid slowly to water and stir well to avoid spattering.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store according to local rules and regulations. Keep this product in a properly labeled, tightly closed container. Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Exercise caution to prevent damage to or leakage from the container.

**Incompatible Materials** Bases, Oxidizers, Chlorates and Nitrates.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Contains no substances with occupational exposure limit values.

### Appropriate engineering controls

**Engineering Controls** Normally not required. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses or chemical safety goggles are recommended.
<b>Skin and Body Protection</b>	Chemical resistant gloves (rubber or nitrile) are recommended.
<b>Respiratory Protection</b>	Not normally required if good ventilation is maintained.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid on towelette
<b>Appearance</b>	Orange towelette
<b>Color</b>	Orange
<b>Odor</b>	Fresh sunshine botanical

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	1-2	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	135 °C 275 °F	
<b>Flash Point</b>	None	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid- Not applicable	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	5.65 mm Hg	@ 20°C (68°F)
<b>Vapor Density</b>	Not determined	
<b>Specific Gravity</b>	1.050	(Water = 1)
<b>Water Solubility</b>	Completely soluble	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>VOC Content</b>	None	

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to Avoid**

Excessive heat and fire. Incompatible Materials.

**Incompatible Materials**

Bases, Oxidizers, Chlorates and Nitrates.

**Hazardous Decomposition Products**

When strongly heated, as in a fire, this product may decompose to nitrogen oxide fumes and acid mist.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	May cause serious eye irritation.
<b>Skin Contact</b>	May cause mild skin irritation.
<b>Inhalation</b>	Breathing this product may be irritating to the respiratory tract. Do not inhale.
<b>Ingestion</b>	Do not taste or swallow. May be harmful if swallowed to mouth, throat and stomach.

**Component Information****Information on physical, chemical and toxicological effects**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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**Numerical measures of toxicity**

Not determined.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not determined.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Exempt under DOT 49 CFR 173.154(d). This material is corrosive to aluminum only. Not corrosive to mild steel and skin.

**DOT** Not regulated.

**IATA** Please contact manufacturer for most current information.

**IMDG** Please contact manufacturer for most current information.

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** All ingredients are listed or exempt from listing on Chemical Substance Inventory.

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

**US Federal Regulations**

**CERCLA**  
 This material, as supplied, does not contain substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, and state level pertaining to releases of this material.

**SARA 313**  
 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.

**SARA 311/312 Hazard Categories**

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

**US State Regulations**

**California Proposition 65**  
 This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**U.S. State Right-to-Know Regulations**  
 Not determined.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B

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**Revision Note:** Updated Section 2 and 9

**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**