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.
Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response
Immediately call a poison center or doctor/physician. If in the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. If on the skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If swallowed: Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.

Precautionary Statements - Storage
Store according to local regional, national and international rules and regulations.

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local, regional, national and international rules and regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic salts</td>
<td>Proprietary</td>
<td>20-30</td>
</tr>
<tr>
<td>Xanthan gum</td>
<td>11138-66-2</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

*If Chemical Name/CAS No is “proprietary” and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.*

4. FIRST-AID MEASURES

First Aid Measures

General Advice
Immediately call a poison center or doctor/physician.

Eye Contact
Flush with plenty of cool water for at least 15 minutes. Hold eyelids apart to ensure thorough rinsing of the entire surface of the eye and lids with water. Immediately call a poison center or doctor/physician.

Skin Contact
Wash with soap and water. Remove contaminated clothing. If irritation persists, call a physician or poison control center.

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Apply CPR if needed. Immediately call a poison center or doctor/physician.

Ingestion
Rinse mouth. Do not induce vomiting. Call a physician or poison control center immediately. Drink large amounts of water. If vomiting occurs, give fluids again. Never give anything by mouth to a person who is unconscious or convulsing.

Most important symptoms and effects

Symptoms
May cause skin irritation and serious eye irritation. Ingestion irritating to mouth, throat and stomach.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treat symptomatically.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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 contaminates.
Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses or chemical safety goggles are recommended.

Skin and Body Protection Chemical resistant gloves (rubber or nitrile) are recommended.

Respiratory Protection Not normally required if good ventilation is maintained.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid on towelette</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Orange towelette</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Fresh sunshine botanical</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>1-2</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>135 °C 275 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid- Not applicable</td>
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</tr>
<tr>
<td>Upper Flammability Limits</td>
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<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>5.65 mm Hg</td>
<td>@ 20°C (68°F)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td>(Water = 1)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.050</td>
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</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
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<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
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<td></td>
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<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
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</tr>
<tr>
<td>VOC Content</td>
<td>None</td>
<td></td>
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</tbody>
</table>

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.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact May cause serious eye irritation.

Skin Contact May cause mild skin irritation.

Inhalation Breathing this product may be irritating to the respiratory tract. Do not inhale.

Ingestion Do not taste or swallow. May be harmful if swallowed to mouth, throat and stomach.

Component Information

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 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging 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**

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
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<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
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<td></td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
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<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
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<tr>
<td>HMIS</td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical Hazards</td>
<td>Personal Protection</td>
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<td></td>
<td>1</td>
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</table>

Issue Date: 13-May-2016  
Revision Date: 05-Apr-2019  
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