

# LinenBrite Detergent Extra (EnVerros)

|                                             |                                                                                   |                                                                                   |                                                                                                                             |                                              |        |   |
|---------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------|---|
| National Fire Protection Association (NFPA) | Fire Hazard                                                                       |  | Reactivity                                                                                                                  | Hazardous Material Information System (HMIS) | Health | 3 |
|                                             | Health                                                                            |                                                                                   |                                                                                                                             | Fire Hazard                                  | 0      |   |
|                                             | Specific Hazard                                                                   |                                                                                   |                                                                                                                             | Reactivity                                   | 0      |   |
| Protective Clothing                         |  | Emergency Overview                                                                | Blue. Liquid. See Section 9.<br>DANGER. CORROSIVE. CAUSES EYE BURNS. CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. |                                              |        |   |

| Section 1. Chemical Product and Company Identification                                                                                                       |                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Product Name                                                                                                                                                 | <b>LinenBrite Detergent Extra (EnVerros)</b>                                                                |
| Product Use                                                                                                                                                  | Industrial/Institutional: Laundry care. This product is intended to be diluted prior to use.                |
| MSDS#                                                                                                                                                        | F-00543001                                                                                                  |
| U.S. Headquarters                                                                                                                                            | Canadian Headquarters                                                                                       |
| JohnsonDiversey, Inc.<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (888) 352-2249<br>MSDS Internet Address:<br>www.johnsondiversevy.com | JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|                                                                                                                                                              | Code                                                                                                        |
|                                                                                                                                                              | 26755 & 26730                                                                                               |
|                                                                                                                                                              | PMS#                                                                                                        |
|                                                                                                                                                              | Not available.                                                                                              |
|                                                                                                                                                              | Validation Date                                                                                             |
|                                                                                                                                                              | 6/9/2004                                                                                                    |
|                                                                                                                                                              | Print Date                                                                                                  |
|                                                                                                                                                              | 6/9/2004                                                                                                    |
|                                                                                                                                                              | Supersedes                                                                                                  |
|                                                                                                                                                              | 4/7/2004.                                                                                                   |
|                                                                                                                                                              | In Case of Emergency                                                                                        |
|                                                                                                                                                              | (800) 851-7145                                                                                              |

| Section 2. Composition and Information on Ingredients |                |             |                                                           |                                                                                    |
|-------------------------------------------------------|----------------|-------------|-----------------------------------------------------------|------------------------------------------------------------------------------------|
| Ingredients                                           | CAS #          | % by Weight | Exposure Limits                                           | LC50/LD50                                                                          |
| Protolytic Enzymes                                    | not applicable | <0.1%       | ACGIH TLV - Ceiling<br>60ng protein/m <sup>3</sup>        | not available                                                                      |
| Potassium chloride                                    | 7447-40-7      | 1-5         | Not available.                                            | ORAL (LD50): Acute: 2600 mg/kg [Rat]. 1500 mg/kg [Mouse]. 2500 mg/kg [Guinea pig]. |
| Triethanolamine                                       | 102-71-6       | 1-5         | <b>ACGIH (United States).</b><br>TWA: 5 mg/m <sup>3</sup> | Not available.                                                                     |
| Potassium Dodecylbenzene Sulfonate                    | 27177-77-1     | 1-5         | Not available.                                            | Not available.                                                                     |
| Water                                                 | 7732-18-5      | 5-10        | Not available.                                            | Not available.                                                                     |
| Alkylphenoxy Polyethoxyethanol                        | 127087-87-0    | 30-60       | Not available.                                            | Not available.                                                                     |
| Alkylphenoxy Polyethoxyethanol                        | 9016-45-9      | 30-60       | Not available.                                            | ORAL (LD50): Acute: 1310 mg/kg [Rat].                                              |

| Section 3. Hazards Identification |                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------|
| Routes of Entry                   | Eye contact. Ingestion. Inhalation. Skin contact                                                    |
| Potential Acute Health Effects    |                                                                                                     |
|                                   | <i>Eyes</i> Corrosive. May cause permanent damage including blindness.                              |
|                                   | <i>Skin</i> May be moderately irritating to skin.                                                   |
|                                   | <i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract. |
|                                   | <i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea.                     |

**Medical Conditions Aggravated by Overexposure:**

Persons with pre-existing sensitivity to enzymes may be more susceptible to allergic reaction.

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately. |
| <b>Skin Contact</b> | Flush immediately with plenty of water. Get medical attention if irritation occurs.                                         |
| <b>Inhalation</b>   | If breathing is difficult: Remove to fresh air. Get medical attention immediately.                                          |
| <b>Ingestion</b>    | Do not induce vomiting. Immediately drink 1-2 glasses of water or milk. Get medical attention.                              |

**Section 5. Fire Fighting Measures**

|                                                      |                                                                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammability of the Product</b>                   | None known.                                                                                                                         |
| <b>Flash Points</b>                                  | Closed cup: >93.333°C (200°F).                                                                                                      |
| <b>Products of Combustion</b>                        | None known.                                                                                                                         |
| <b>Fire Fighting Media and Instructions</b>          | Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used. |
| <b>Protective Clothing (Fire)</b>                    | Put on appropriate personal protective equipment (see Section 8).                                                                   |
| <b>Special Remarks on Fire and Explosion Hazards</b> | Corrosive material (See sections 8 and 10).                                                                                         |

**Section 6. Accidental Release Measures**

|                                                       |                                                                                                                                                                                                                                                |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>                           | Put on appropriate personal protective equipment (see Section 8).                                                                                                                                                                              |
| <b>Environmental Precautions and Clean-up Methods</b> | In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up. |

**Section 7. Handling and Storage**

|                 |                                                                                                                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Avoid contact with skin and eyes. Do not taste or swallow. Avoid breathing vapors or spray mists. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. |
| <b>Storage</b>  | Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.                                                                                                                            |

**Section 8. Exposure Controls/Personal Protection**

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls</b> | Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Personal Protection</b>  | <p><i>Eyes</i> Safety glasses with side shields.</p> <p><i>Hands</i> Chemical resistant gloves.</p> <p><i>Respiratory</i> No special requirements under normal use conditions. Any person who may be exposed to this material in the form of an aerosol or mist from spray operations shall, at a minimum, utilize a respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.</p> <p><i>Feet</i> If major exposure is possible, wear appropriate protective equipment.</p> <p><i>Body</i> If major exposure is possible wear suitable protective clothing.</p> |

**Section 9. Physical and Chemical Properties**

|                               |              |
|-------------------------------|--------------|
| Physical State and Appearance | Liquid.      |
| Odor                          | Citrus.      |
| Color                         | Blue.        |
| pH                            | 9.8 [Basic.] |
| Specific Gravity              | 1.058        |
| Solubility in water           | Complete.    |

**Section 10. Stability and Reactivity**

|                                         |                                                      |
|-----------------------------------------|------------------------------------------------------|
| Stability and Reactivity                | The product is stable.                               |
| Conditions of Instability               | None known.                                          |
| Incompatibility with Various Substances | Slightly reactive to reactive with OXIDIZING AGENTS. |
| Hazardous Decomposition Products        | None known.                                          |
| Hazardous Polymerization                | Will not occur.                                      |

**Section 11. Toxicological Information**

|                             |                |
|-----------------------------|----------------|
| Acute toxicity              | Not available. |
| Effects of Chronic Exposure | None known.    |
| Other Toxic Effects         | None known.    |

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Waste Information | No special precautions. Dispose of according to all federal, state and local applicable regulations. |
|-------------------|------------------------------------------------------------------------------------------------------|

**Section 14. Transport Information**

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| <b>DOT Classification</b> |                                                                                             |
| DOT Proper Shipping Name  | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
| <b>TDG Classification</b> |                                                                                             |
| TDG Proper Shipping Name  | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
| TDG Class                 |                                                                                             |

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Potassium chloride  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Potassium chloride

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Alkylphenoxy Polyethoxyethanol.

WHMIS Classification Class E: Corrosive liquid.

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**

Other Special Considerations Not available.

Version 1

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