

LinenBrite Oxygen Bleach (EnVerros)

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		2	0
	Reactivity		0	0
Specific Hazard				
Protective Clothing 	Emergency Overview Clear. Liquid. See Section 9. WARNING: CAUSES EYE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.			

Section 1. Chemical Product and Company Identification				
Product Name	LinenBrite Oxygen Bleach (EnVerros)		Code	25215
Product Use	Industrial/Institutional: Laundry care. This product is intended to be diluted prior to use.		PMS#	Not available.
MSDS#	F-00539001		Validation Date	5/3/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131		Print Date	5/3/2004
			Supersedes	4/2/2004.
			In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Hydrogen Peroxide	7722-84-1	5-10	OSHA (United States, 1993). TWA: 1.4 mg/m ³ ACGIH (United States). TWA: 1.4 mg/m ³ OSHA PEL (United States, 1993). Notes: TWA: 1.4 mg/m ³ 8 hour(s). TWA: 1 ppm 8 hour(s)	ORAL (LD50): Acute: 376 mg/kg [Rat]. 910 mg/kg [Rat]. 1518 mg/kg [Rat]. DERMAL (LD50): Acute: 4060 mg/kg [Rat]. VAPOR (LC50): Acute: 2000 mg/m ³ 4 hour(s) [Rat].
Water	7732-18-5	60-100	Not available.	ORAL (LD50): Acute: 90000 mg/kg [Rat].

Section 3. Hazards Identification	
Routes of Entry	Eye contact. Ingestion. Inhalation. Skin contact
Potential Acute Health Effects	<p><i>Eyes</i> May be severely irritating to eyes.</p> <p><i>Skin</i> May be moderately irritating to skin.</p> <p><i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.</p> <p><i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	No specific first aid measures are required.
Ingestion	DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: >93.333°C (200°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	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

Handling	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	No special requirements under normal use conditions. For prolonged or repeated contact with skin: Chemical resistant gloves.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Bland. (Slight.)
Color	Clear.
pH	5.5 [Acidic.]
Specific Gravity	1.045
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	Reactive with organic materials, metals, alkalis.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Acute oral toxicity (LD50) Estimated to be greater than 5000 mg/kg (rat). DERMAL (LD50) Greater than 2000 mg/kg (rat).
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.
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Section 14. Transport Information

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
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 extremely hazardous substances: Hydrogen Peroxide
 SARA 302/304 emergency planning and notification: Hydrogen Peroxide
 SARA 302/304/311/312 hazardous chemicals: Hydrogen Peroxide
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Hydrogen Peroxide

State New Jersey spill list: Hydrogen Peroxide
 New Jersey: Hydrogen Peroxide
 Massachusetts spill list: Hydrogen Peroxide
 Massachusetts RTK: Hydrogen Peroxide
 Pennsylvania RTK: Hydrogen Peroxide

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Class C: Oxidizing material.
Class D-2B: Material causing other toxic effects (TOXIC).

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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