



Bausch & Lomb EasySept (Onesept) Hydrogen Peroxide Solution, 3%

MATERIAL SAFETY DATA SHEET

Effective Date: 4/15/09 Supersedes: 4/15/97

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Section 1: IDENTIFICATION

PRODUCT:

Product Name: Bausch & Lomb EasySept (Onesept) Hydrogen Peroxide Solution, 3%
Product Description: Hydrogen peroxide (3%) based disinfecting solution
Product Code(s):
Intended Use: Disinfection and lens care regime for soft contact lenses

COMPANY IDENTIFICATION:

Bausch & Lomb, Incorporated
1400 N. Goodman Street
Rochester, New York 14609

For Information: 1-800-553-5340

EMERGENCY TELEPHONE NUMBER:

24-Hour Emergency: 1-800-535-5053

Section 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION: Eye irritation; Category 2B

LABELING:

Pictograms: None required

Signal Word: Warning

Hazard Statements: Causes eye irritation
May be harmful if ingested

Precautionary Statements: **Not For Use on the eyes**
Store in a cool, well-ventilated place
Use only in accordance with label instructions.
Avoid release to the environment.
Keep Out of Reach of Children

POTENTIAL HEALTH EFFECTS

EYE:

Avoid contact with the eye. Causes eye irritation.

SKIN:

Frequent or prolonged contact with skin or mucous membranes may cause irritation.

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Section 2: HAZARD(S) IDENTIFICATION (cont.)

INGESTION:

Not expected to be an exposure route. However, may be harmful if ingested.

INHALATION:

Not expected to be a significant exposure route. Vapor or mist may be irritating to mucous membranes and upper respiratory tract.

CHRONIC HEALTH EFFECTS

None identified.

CARCINOGENICITY:

NTP: NA

IARC: Hydrogen Peroxide (7722-84-1) Category 3, Unclassifiable

OSHA: NA

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Chemical Identity	Concentration, % W/W	EINECS / ELINCS #
7647-14-5	Sodium Chloride	Proprietary	231-598-3
10049-21-5	Monobasic Sodium Phosphate, Monohydrate	Proprietary	NA
7782-85-6	Dibasic Sodium Phosphate, Heptahydrate	Proprietary	NA
7722-84-1	Hydrogen Peroxide, 35%	3	231-765-0
7732-18-5	Purified Water	Proprietary	231-791-2

pH balanced with Sodium Hydroxide and/or Hydrochloric Acid.

Section 4: FIRST AID MEASURES

INHALATION:

Normal use of this product does not pose an inhalation hazard. However, should respiratory tract irritation develop, discontinue use and remove to fresh air. Get medical attention if irritation or other symptoms develop or persist.

SKIN CONTACT:

Should irritation develop, discontinue use. Wash affected skin thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

EYE CONTACT:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

INGESTION:

If swallowed, DO NOT induce vomiting. Seek medical attention immediately.

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Section 4: FIRST AID MEASURES (cont.)

NOTE TO PHYSICIAN:

Material if ingested may be aspirated into the lungs and can cause chemical pneumonitis. Treat appropriately.

Section 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical powder, appropriate foam or water fog.

HAZARDOUS COMBUSTION PRODUCTS:

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus and full protective gear to prevent contact with skin and eyes.

Section 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Wear suitable protective eyewear, clothing, respiratory protection, rubber boots and chemical resistant gloves. Evacuate immediate area. Ensure adequate ventilation. Refer to Sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS:

Prevent spilled material from entering storm sewers or drains, waterways, and contact with soil.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Isolate hazard area. Prevent from entering drains and sewers. Cover with vermiculite or other suitable inert material (e.g., dry sand or earth), pick up and place in closed containers. Transport outdoors and hold for waste disposal. Ventilate area and thoroughly wash spill site with water after material pickup is complete.

Refer to Section 13 for appropriate disposal procedures.

Section 7: HANDLING AND STORAGE

HANDLING:

Avoid contact with eyes. Avoid prolonged or repeated exposure to skin or mucous membranes, and breathing mists/vapors. Use in a well ventilated area. Keep container closed. Wash thoroughly with soap and water after handling.

STORAGE:

Store product at room temperature (15-30°C; 59-86°F) to maintain product stability. Discard appropriately if package integrity is compromised or if printed expiration date is exceeded.

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Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

CAS #	COMPONENT NAME	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										
		OSHA PEL TWA /STEL	ACGIH TLV TWA /STEL	NIOSH REL TWA /STEL	IRELAND TWA /STEL	HSE TWA /STEL	UNITS					
7647-14-5	Sodium Chloride	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
10049-21-5	Monobasic Sodium Phosphate, Monohydrate	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7782-85-6	Dibasic Sodium Phosphate, Heptahydrate	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
7722-84-1	Hydrogen Peroxide, 35%	1	NE	1*	NE	1	NE	1	NE	1	NE	NA
7732-18-5	Purified Water	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

N/E: Not Established
 TWA: 8-Hour Time-Weighted Average
 N/A: Not Applicable
 ACGIH: American Conference of Governmental Industrial Hygienists
 NIOSH: National Institute for Occupational Safety & Health

OSHA: Occupational Safety & Health Administration
 PPM: Parts Per Million
 STEL: Short-Term Exposure Limit
 C: Ceiling Limit
 REL: Recommended Exposure Limit

* A3: Animal Carcinogen

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS:

Use with good general ventilation. No special controls required.

RESPIRATORY PROTECTION:

No special controls or personal protection required under conditions of intended use.

In the event of a warehouse spill, ensure adequate ventilation. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

EYE PROTECTION:

Avoid contact with the eye. No special controls or personal protection required under conditions of intended use.

In the event of a spill, appropriate eye protection should be worn.

SKIN PROTECTION:

No special controls or personal protection required under conditions of intended use.

In the event of a spill, use chemical resistant gloves.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

NA

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Colorless
Odor:	None
Odor Threshold:	Not applicable
pH-Value:	6.4 – 6.6
Melting Point:	Not applicable
Freezing Point:	Not determined
Initial Boiling Point:	Not determined
Flash Point:	Not applicable
Evaporation Rate:	Not determined
Flammability (solid,gas):	Not flammable
Explosion Limits:	Not applicable
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Specific Gravity (H₂O=1):	1
Solubility:	Soluble in water
Partition Coefficient:	Not applicable
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10: STABILITY AND REACTIVITY

REACTIVITY:

No known hazards.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None are known.

CONDITIONS TO AVOID:

Light, heat, incompatibles.

INCOMPATIBLE MATERIALS:

Heat, reducing agents, organic materials, alkalis, and many metals.

HAZARDOUS DECOMPOSITION:

No hazardous decomposition. Decomposes to water and oxygen.

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Section 11: TOXICOLOGICAL INFORMATION

RTECS No.: MX0887000

Hydrogen Peroxide, 3%

Toxicity Data: ORL-HUMAN CHILD LDLo: 12 ML/KG

RTECS No.: VZ4725000

Sodium Chloride

Toxicity Data: ORL-RAT LD50: 3000 MG/KG

RTECS No.: WC4600000

Dibasic Sodium Phosphate, Heptahydrate

Toxicity Data: ORL-RAT LD50: 12930 MG/KG

NOTE: Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12: ECOLOGICAL INFORMATION

Prevent spilled material from entering storm sewers or drains, waterways, and contact with soil. No specific ecological data are available for this product.

Section 13: DISPOSAL CONSIDERATIONS

All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.

Section 14: TRANSPORT INFORMATION

	US DOT	IATA	IMO	RID/ADR	Canadian DG
Shipping Name:	Not Regulated	Not Regulated	No Information Available	No Information Available	No Information Available
Hazard Class:	NA	NA			
UN Number:	NA	NA			
Package Group:	NA	NA			

There are no unreasonable risks (health, safety, or property), that this product would pose when transported in commerce. Hazard class definitions (49 CFR, Part 173) are not applicable to this product.

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Section 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

Bausch & Lomb EasySept (Onesept) Hydrogen Peroxide Solution, 3% is considered hazardous under the Occupational Safety & Health Administration Hazard Communication Standard.

REACH:

This product is exempt from REACH requirements.

TOXIC SUBSTANCE CONTROL ACT (TSCA):

CAS# 7647-14-5 is listed on the TSCA Inventory.

CAS# 10049-21-5 is not on the TSCA Inventory because it is a hydrate. It is considered to be listed if the CAS number for the anhydrous form is on the inventory (40CFR720.3(u)(2)).

CAS# 7782-85-6 is listed on the TSCA Inventory.

CAS# 7722-84-1 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

SECTION 302 (Extremely Hazardous Substances): No Components Listed

SECTION 311, 312 (Hazard Categories): Acute

SECTION 313 (Toxic Chemicals): No Components Listed

CALIFORNIA PROPOSITION 65:

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither Bausch & Lomb Incorporated nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. In no event shall Bausch & Lomb Incorporated or any of its subsidiaries be liable for any special, incidental or consequential damages.