Safety Data Sheet



See better. Live better.

Section 1: Identification

Product identifier

Product Name RENU® Rewetting Drops

 625208; FCP-4855 **Product Code**

Product Description Rewetting Drops are indicated for use to rewet your lenses during wear.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use Relieves minor irritation, discomfort and blurring which occurs during lens wear. Drops are intended to re-wet, lubricate and soothe the eye.

Restrictions on use Use in accordance with product literature.

Details of the supplier of the safety data sheet

Manufacturer Bausch & Lomb, Inc

> 1400 North Goodman Street Rochester, NY 14609

United States

bausch.com

Telephone (General) • 1-800-553-5340

Emergency telephone number

Manufacturer 1-800-535-5053 - Infotrac

Section 2: Hazard Identification

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

UN GHS Classification criteria not met

Label elements

UN GHS

Precautionary statements

Storage/Disposal • Keep tightly closed. Store at room temperature 15-30°C (59-86°F), to maintain product

integrity, use before expiration date marked on carton and/or container.

Other hazards

UN GHS No data available

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Section 3 - Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Boric acid	CAS:10043-35-3 EINECS:233-139-2	< 1%	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5; Repr. 1
Edetate disodium	CAS:6381-92-6	0.1%	UN GHS: not classified
Poloxamine	CAS:11111-34-5	< 1%	UN GHS: not classified
Purified water	CAS:7732-18-5 EINECS:231-791-2	> 95%	UN GHS: not classified
Sodium borate	CAS:1303-96-4	< 1%	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5; Repr. 2
Sodium chloride	CAS:7647-14-5 EINECS:231-598-3	< 1%	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5
Sorbic acid	CAS:110-44-1 EINECS:203-768-7	0.15%	UN GHS: not classified

Hydrochloric Acid (CAS:7647-01-0, EINECS:231-595-7) and/or Sodium Hydroxide (CAS# 1310-73-2, EINECS: 215-185-5) may be added to adjust the pH.

The exact percentage of composition has been withheld as a trade secret.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

 No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of mists, remove to fresh air and get medical attention.

Skin

 No specific treatment is necessary since this material is not likely to be hazardous by contact with the skin or mucous membranes.

Eye

No specific treatment is necessary since this material is not irritating to the eye.

Ingestion

 No specific treatment is necessary since this material is not likely to be hazardous by ingestion. If large quantities are accidentally ingested (greater than a tablespoon), get medical attention immediately.

Most important symptoms and effects, both acute and delayed

No data available

Indication of any immediate medical attention and special treatment needed

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • Water spray, carbon dioxide, dry chemical powder or appropriate foam for surrounding fire.

Unsuitable Extinguishing Media

No data available

Special hazards arising from the substance or mixture

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Unusual Fire and Explosion Hazards

Hazardous Combustion Products

- None known product is not flammable or combustible.
- No data available

Advice for firefighters

 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, protective equipment and emergency procedures

Personal Precautions

No special controls or personal protection required under conditions of intended use.
 In the event of bulk spills, wear suitable protective eyewear, clothing, protective boots and protective gloves. Refer to Section 8.

Emergency Procedures

 No emergency procedures are expected to be necessary when used in accordance with product literature.

Environmental precautions

No data available

Methods and material for containment and cleaning up

Containment/Clean-up Measures

 Contain spilled product. For small spills, add suitable absorbent material. Scoop up and place in an appropriate liquid-tight container equipped with a tight cover for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate, liquid-tight container equipped with a tight cover for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

 No special handling is required. Refer to Section 8. Use only in accordance with product literature.

Conditions for safe storage, including any incompatibilities

Storage

 Keep tightly closed. Store at room temperature 15-30°C (59-86°F), to maintain product integrity. use before expiration date marked on carton and/or container.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

 Refer to the occupational exposure limits / guidelines for the individual product components.

Exposure Limits/Guidelines					
	Result	ACGIH	Canada Quebec	NIOSH	
Sodium borate (1303-96-4)		2 mg/m3 TWA (inhalable fraction, listed under Borate compounds, inorganic)	5 mg/m3 TWAEV	5 mg/m3 TWA	
		6 mg/m3 STEL (inhalable fraction, listed under Borate compounds, inorganic)	Not established	Not established	
Boric acid (10043-35-3)		6 mg/m3 STEL (inhalable fraction, listed under Borate compounds, inorganic)	Not established	Not established	
		2 mg/m3 TWA (inhalable fraction,			

1	TWAs	listed under Borate compounds,	Not established	Not established
		inorganic)		

Exposure controls

Engineering Measures/Controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

No respiratory protection required during normal handling.

Eye/Face

No eye protection is required during normal handling.

Hands

Gloves are not required under normal handling conditions.

Skin/Body

No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

Environmental Exposure Controls

No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Color	Clear Colorless to pale yellow.
Odor	No odor.	Odor Threshold	Not relevant
General Properties			
Boiling Point	Not relevant	Melting Point	Not relevant
Decomposition Temperature	Not relevant	рН	6.9 to 7.2
Specific Gravity/Relative Density	= 1.008	Water Solubility	Not relevant
Viscosity	No data available		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Not relevant		
Environmental			
Octanol/Water Partition coefficient	Not relevant		

Section 10: Stability and Reactivity

Reactivity

No dangerous reactions known.

Chemical stability

Stable under normal temperatures and pressures.

Possibility of hazardous reactions

No data available

Conditions to avoid

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Extreme heat or cold. Do not freeze.

Incompatible materials

None.

Hazardous decomposition products

None expected.

Section 11 - Toxicological Information

Information on toxicological effects

Other Material Information

Toxicological information refers to raw materials only. Concentrations and toxicological effects are substantially reduced in the product.

Components			
Boric acid (< 1%)	10043-35-3	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2660 mg/kg	
Sodium borate (< 1%)	1303-96-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2660 mg/kg	
Sodium chloride (< 1%)	7647-14-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 3000 mg/kg	
Sorbic acid (0.15%)	110-44-1	Acute Toxicity: Ingestion/Oral-Rat LD50 • 7360 mg/kg	

GHS Properties	Classification
Acute toxicity	UN GHS • Classification criteria not met
Aspiration Hazard	UN GHS • Classification criteria not met
Carcinogenicity	UN GHS • Classification criteria not met
Germ Cell Mutagenicity	UN GHS • Classification criteria not met
Skin corrosion/Irritation	UN GHS • Classification criteria not met
Skin sensitization	UN GHS • Classification criteria not met
STOT-RE	UN GHS • Classification criteria not met
STOT-SE	UN GHS • Classification criteria not met
Toxicity for Reproduction	UN GHS • Classification criteria not met
Respiratory sensitization	UN GHS • Classification criteria not met
Serious eye damage/Irritation	UN GHS • Classification criteria not met

Potential Health Effects

Inhalation	
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Acute (Immediate)

Chronic (Delayed)

Skin

Acute (Immediate)

Chronic (Delayed)

Acute (Immediate)

Chronic (Delayed)

Ingestion

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

Other

Acute (Immediate)

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.
- Under normal conditions of use, no health effects are expected.

Carcinogenic Effects			
	CAS	NTP	
Boric acid	10043-35-3	Evidence of Carcinogenicity	

Section 12 - Ecological Information

Toxicity

This material has not been tested for environmental effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in Soil

No data available

Other adverse effects

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

 Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Packaging waste

 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	NDA	NDA	NDA	NDA
ADN	NDA	NDA	NDA	NDA	NDA
ADR/RID	NDA	NDA	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

Special precautions for user

No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

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Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture SARA Hazard Classifications • Not applicable

Inventory				
Component	CAS	Canada DSL	EU EINECS	TSCA
Edetate disodium	6381-92-6	Yes	No	No
Sodium borate	1303-96-4	Yes	No	Yes
Boric acid	10043-35-3	Yes	Yes	Yes
Purified water	7732-18-5	Yes	Yes	Yes
Poloxamine	11111-34-5	Yes	No	Yes
Sodium chloride	7647-14-5	Yes	Yes	Yes
Sorbic acid	110-44-1	Yes	Yes	Yes

Canada

Canada - WHMIS - Classifications of Substances		
Sodium borate	1303-96-4	D2B
		Uncontrolled product
Sorbic acid	110-44-1	according to WHMIS
		classification criteria
		Uncontrolled product
Edetate disodium	6381-92-6	according to WHMIS
		classification criteria
	7047.44.5	Uncontrolled product
Sodium chloride	7647-14-5	according to WHMIS classification criteria
Boric acid	10043-35-3	D2A
• Poloxamine	11111-34-5	Not Listed
Durified water	7700 40 5	Uncontrolled product
Purified water	7732-18-5	according to WHMIS classification criteria
		ciassification criteria
Canada - WHMIS - Ingredient Disclosure List		
Sodium borate	1303-96-4	1 %
Sorbic acid	110-44-1	1 %
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	1 %
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed

Europe

Other			
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification			
Sodium borate	1303-96-4	Repr.Cat.2; R60-61	
Sorbic acid	110-44-1	Not Listed	
Edetate disodium	6381-92-6	Not Listed	
Sodium chloride	7647-14-5	Not Listed	
Boric acid	10043-35-3	Repr.Cat.2; R60-61	

Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
FIL CLD (4272/2000) Annoy VI Toble 2.2. Concentration	Limita	
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration • Sodium borate	1303-96-4	8.5%<=C: Repr.Cat.2; R:60-61
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	5.5%<=C: Repr.Cat.2; R:60-61
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
• Purified water	7732-16-5	NOLLISIEU
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling		
Sodium borate	1303-96-4	T R:60-61 S:53-45
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	T R:60-61 S:53-45
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substa	nces and Prenarations	
• Sodium borate	1303-96-4	Not Listed
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
Turned water	7732-10-3	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases		
Sodium borate	1303-96-4	S:53-45
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	S:53-45
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed

United Kingdom

nited Kingdom - List of Chemicals of Concern		
Sodium borate	1303-96-4	Not Listed
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

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Sodium borate	1303-96-4 Not Listed
Sorbic acid	110-44-1 Not Listed
Edetate disodium	6381-92-6 Not Listed
Sodium chloride	7647-14-5 Not Listed
Boric acid	10043-35-3 Not Listed
Poloxamine	11111-34-5 Not Listed
Purified water	7732-18-5 Not Listed

United States - California

Environment		
U.S California - Proposition 65 - Carcinogens List	1000.00.4	NI-A I S-AI
Sodium borate	1303-96-4	Not Listed
• Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
U.S California - Proposition 65 - Developmental Toxicity		
Sodium borate	1303-96-4	Not Listed
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
U.S California - Proposition 65 - Reproductive Toxicity - Female		
Sodium borate	1303-96-4	Not Listed
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed
U.S California - Proposition 65 - Reproductive Toxicity - Male		
Sodium borate	1303-96-4	Not Listed
Sorbic acid	110-44-1	Not Listed
Edetate disodium	6381-92-6	Not Listed
Sodium chloride	7647-14-5	Not Listed
Boric acid	10043-35-3	Not Listed
Poloxamine	11111-34-5	Not Listed
Purified water	7732-18-5	Not Listed

Section 16 - Other Information

Last Revision DatePreparation Date

- 11/February/2015
- 11/February/2015

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• To the best of our knowledge, the information contained herein is accurate. However,

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