



## PreserVision® AREDS 2 Soft Gels

## MATERIAL SAFETY DATA SHEET

Effective Date: 1/7/2010 Supersedes: 12/8/09

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<b>Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Name:** PreserVision® AREDS 2 Soft Gels**Product Code(s):** AB62584**Chemical Family:** Nutritional**Manufactured For:** Bausch & Lomb, Incorporated**Address:** 1400 N. Goodman Street

Rochester, New York 14603

**For Information:** 1-800-553-5340**For Emergency:** 1-800-535-5053

<b>Section 2: COMPOSITION / INFORMATION ON INGREDIENTS</b>
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OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES													
CAS #	COMPONENT NAME	% W/W	OSHA PEL		ACGIH TLV		NIOSH REL		IRELAND		HSE		UNITS
			TWA/STEL	TWA/STEL	TWA/STEL	TWA/STEL	TWA/STEL	TWA/STEL	TWA/STEL	TWA/STEL			

**Softgel Core:**

50-81-7	Ascorbic Acid	< 35	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
144-68-3	Zeaxanthin	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
NA	Lutein	< 5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
59-02-9	<u>d-alpha-Tocopherol</u>	< 20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
1314-13-2	Zinc Oxide	< 6	15*5**	NE	2**	10**	5	C15	5	10	5	10	mg/m <sup>3</sup>
527-09-3	Copper Gluconate	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
8016-13-5	Omega 3 Fish Oil	< 65	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
63231-67-4	Silicon Dioxide, Anhydrous, NF	< 2	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
NA	Yellow (Bees) Wax	< 10	NE	NE	2	NE	2	NE	NE	NE	NE	NE	mg/m <sup>3</sup>
8002-43-5	Soy Lecithin	< 5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

**Shell:**

9000-70-8	Gelatin	< 20	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
56-81-5	Glycerin	< 10	15*5**	NE	10	NE	NE	NE	10	NE	10	NE	mg/m <sup>3</sup>
13463-67-7	Titanium Dioxide	< 0.1	15*	NE	10*	NE	0.2 LFC	10*	4**	10*	4**	mg/m <sup>3</sup>	
NA	Natural Flavor	< 1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

**Total**

100

\* Total Dust

\*\* Respirable Fraction

LFC: Lowest Feasible Concentration

Note: 1-Manufacturer's recommended exposure limit 10 mg/m<sup>3</sup> (8-hour time-weighted average)

N/E: Not Established OSHA: Occupational Safety &amp; Health Administration

N/A: Not Applicable PPM: Parts Per Million

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Safety &amp; Health

MPPCF: Millions of Particles Per Cubic Foot

TWA: 8-Hour Time-Weighted Average

STEL: Short-Term Exposure Limit

C: Ceiling Limit

REL: Recommended Exposure Limit

MG/M<sup>3</sup>: Milligrams Per Cubic Meter

**Section 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

*This product is not intended to diagnose, treat, cure or prevent any disease. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use only in accordance with product literature.*

**PRECAUTIONS:**

This product is intended as a high-potency antioxidant vitamin and mineral supplement. It is not intended to diagnose, treat, cure or prevent any disease. If any discomfort develops, immediately discontinue use of this product. If discomfort persists, contact your eye care professional. Use only in accordance with product literature.

If you are allergic to any ingredient in this product, DO NOT USE.

**POTENTIAL HEALTH EFFECTS**

**EYE:**

May be irritating with direct eye contact.

**SKIN:**

Non-irritating to skin or mucous membranes when used as directed.

**INGESTION:**

No hazard when used as directed.

**INHALATION:**

No hazard when used as directed.

**CHRONIC HEALTH EFFECTS**

No known chronic hazards.

**CARCINOGENICITY:**

**NTP:** No ingredients listed.

**IARC:** No ingredients listed.

**OSHA:** No ingredients listed.

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**Section 4: FIRST AID MEASURES**

**EYES:**

Immediately flush eyes with plenty of water for at least 15 minutes. If any discomfort develops, get medical attention immediately.

**SKIN:**

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

**INGESTION:**

No specific treatment is necessary since this material is not hazardous by ingestion when used in accordance with product literature. If quantities exceeding the recommended intake are accidentally ingested, get medical attention immediately.

**INHALATION:**

If exposed to excessive levels of dusts or mists, remove to fresh air and get medical attention if cough or other symptoms develop.

**Section 5: FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

**Flash Point:** Non-Combustible

**Method:** NA

**EXTINGUISHING MEDIA:**

Water spray, carbon dioxide, dry chemical powder or appropriate foam for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**

None identified.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**General Information:**

Contain spill and place in a chemical waste container. Dispose of in accordance with Section 13.

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### Section 7: HANDLING AND STORAGE

#### HANDLING:

No special handling is required. Use in accordance with product literature.

#### STORAGE:

Store at room temperature to maintain product integrity.

### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### RESPIRATORY PROTECTION:

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

#### SKIN PROTECTION:

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

#### EYE PROTECTION:

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

#### ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT:

NA

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### PHYSICAL PROPERTIES:

**Appearance / Physical State:** Burgundy, soft gelatin shell containing an opaque orange fill

**Odor:** Odorless

#### CHEMICAL PROPERTIES:

**Boiling Point:** Not Determined

**Vapor Pressure:** Not Determined

**Solubility In Water:** Soluble

**pH:** Not Applicable

**Melting Point:** Not Applicable

**Vapor Density:** Not Determined

**Specific Gravity (H<sub>2</sub>O = 1):** Not Applicable

**Freezing Point:** Not Determined

**Molecular Weight:** Mixture, Not Applicable

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**Section 10: STABILITY AND REACTIVITY**

**GENERAL:**

Stable under normal conditions.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

None.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**HAZARDOUS DECOMPOSITION:**

None identified.

**Section 11: TOXICOLOGICAL INFORMATION**

**RTECS No.:** CI7650000

**Ascorbic Acid**

**Toxicity Data:** ORL-RAT LD50: 11,900 MG/KG  
IP-MOUSE LD50: 6,600 MG/KG

**RTECS No.:** DJ2900000

**D-Alpha-Tocopherol**

**Toxicity Data:** ORL-RAT LD50: >25 ML/KG

**RTECS No.:** LX8580000

**Gelatin**

**Toxicity Data:** INTRAPERITONEAL-MS TDLo: 700 MG/KG

**RTECS No.:** MA8050000

**Glycerin**

**Toxicity Data:** ORL-RAT LD50: 12600 MG/KG

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**Section 11: TOXICOLOGICAL INFORMATION (cont.)**

**RTECS No.:** ZH4810000

**Zinc Oxide**

**Toxicity Data:** ORL-MOUSE LD50: 7950 MG/KG

**RTECS No.:** LK515000

**Omega 3 Fish Oil**

**Toxicity Data:** ORL-RAT TDLo: 112 GM/KG/4W

**RTECS No.:** XR2275000

**Titanium Dioxide**

**Toxicity Data:** ORL-RAT TDLo: 60 GM/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**

No data available on the environmental impact of 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 responsibility solely of the waste generator.

**Section 14: TRANSPORT INFORMATION**

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

This product is considered non-hazardous under the Occupational Safety & Health Administration's Hazard Communication Standard.

#### TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients are 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): NA

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 that 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.*