

Astaxanthin Blend

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 17-Sep-2026
Supersedes: 26-Aug-2026

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Astaxanthin Blend	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Caprylic/capric triglyceride (and) Haematococcus Pluvialis Extract (and) Hydronated Safflower Seed Oil (and) Astaxanthin	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	73398-61-5, 8001-23-8, 472-61-7	Web:	www.makingcosmetics.com
Formula:	Not available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.		
GHS Labeling:	Not a dangerous substance according to GHS.		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	None.		
GHS Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.		
NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Caprylic/capric triglyceride	73398-61-5	76-90%	Not Available
Haematococcus Pluvialis Extract	N/A	7-14%	Not Available
Hydronated Safflower Seed Oil	8001-23-8	1-5%	Not Available
Astaxanthin	472-61-7	0.2-1.5%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse with pure water for at least 15 minutes. Consult a doctor.
Inhalation:	Move the victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth and drink 2-4 cups of milk or water. Wash mouth out with water.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable)	May be combustible at high temperatures. Use appropriate media (dry chemical, carbon
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extinguishing media:	dioxide, or alcohol resistant foam) for surrounding environment and adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical:	During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Avoid open flames as material is flammable. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid dust formation. Avoid breathing mist, gas, or vapors. Avoid contact with skin and eyes. Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. Evacuate unnecessary personnel to safe areas and keep people upwind of spill/leak. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Vacuum or sweep up material and place in suitable disposal container. Clean up spills immediately, observing precautions in the protective equipment section. Avoid generating dusty conditions. Provide ventilation. Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Keep container tightly closed. Avoid ingestion and inhalation and skin and eye contact. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Recommended to keep the material in original packaging and stored in a cool dry area (for long-term storage, it is recommended to keep at -0.4°F (-18°C). Avoid light, heat, and oxygen. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Astaxanthin	None available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear protective glasses. Upon contact, wash eyes with plenty of water for about 20 minutes. Seek medical care.
Inhalation:	If the exposure limits are exceeded, or irritation is experienced, use a full-face respirator. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.
Body:	Wear protective gloves and full protective clothing to avoid staining. Upon skin contact, wash with soap and water. Temporary staining may occur.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oil	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Orange to red	Flammability:	No data available

Molecular Weight:	596.3616	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Incompatible material, light.
Incompatible Materials:	Acids, bases, oxygen.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	No data available.
IATA (International Air Transport Association):	No data available.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	CAS: 472-61-7 Listed. None of the chemicals are listed under TSCA Section 12b or SNUR.
Health & Safety Reporting List:	None of the chemicals are on the health and safety reporting list.
Chemical Test Rules:	None of the chemicals in this product are under a chemical test rule.
CERCLA:	None of the chemicals in this material have an RQ.
SARA Section 302:	None of the chemicals in this product have a TPQ.
SARA Section 313:	No chemicals are reportable under section 313.
Clean Air Act:	This material does not contain any hazardous air pollutants. This material does not contain any class 1 Ozone depleters. This material does not contain any class 2 ozone depleters.
Clean Water Act:	None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in the product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as toxic pollutants under the CWA.
OSHA:	None of the chemicals in this product are considered highly hazardous by OSHA.
State Regulations:	CAS# 472-61-7 is not present on state lists from CA, PA, MN, MA, FL, or NJ.
Risk Level:	None of the chemicals in this product are listed.
European Regulations:	European labeling in accordance with EC Directive.
Canada (DSL/NDSL):	CAS# 472-61-7 is listed on Canada's NDSL list.

16 OTHER INFORMATION

Revision Date:	14-Sep-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.