

Safety Data Sheet

ALGENOL

ALRedux

Date: 09.03.2025

Version: 00445 /2

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1. Identification of the substance/preparation and the company	
Trade name:	ALRedux
Recommended uses:	Personal Care Formulations
CAS-number:	Not applicable
RTECS-number:	Not applicable
Formula:	Not applicable
Supplier company identification:	Algenol Specialty Ingredients LLC 16151 Lee Rd, Fort Myers, FL 33912 info@algenol.com www.algenol.com Tel: (239) 498-2000
Emergency telephone number:	1-239-498-2000 (Mon- Fri: 8:00AM- 5:00PM EST)
2. Hazards Identification	
Hazard Statements:	
Not applicable	Product not considered hazardous.
P233+234	Keep container tightly closed. Keep in original container.
P235+410	Keep cool. Protect from sunlight.
P270	Do not eat, drink or smoke when using this product.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+352	IF ON SKIN: Wash with plenty of water
P304+340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P402+410	Store in a dry place. Protect from sunlight.
P411	Store at temperatures not exceeding 25 °C/ 77 °F.
P501	Dispose of contents/container in accordance with local/regional/international regulation.
Hazard Statements:	
Not applicable	Product not considered hazardous.
Reference Section 11 for additional Toxicological Information	

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3. Composition / Information on ingredients			
Description:		Porphyridium Polysaccharide (proposed) (97.9-98.1%) Purified polysaccharide exudate from <i>Porphyridium sp.</i> in water with Phenoxyethanol as a preservative.	
Component	CAS Numbers	EC Numbers	Weight %
Porphyridium Polysaccharide (proposed)	N/A	N/A	97.9 – 98.1
2-phenoxyethanol	122-99-6	204-589-7	1.9 – 2.1
4. First Aid			
General Advice:		No special measures required.	
Skin contact:		Generally the product does not irritate the skin. Wash with soap and water – seek medical attention if irritation occurs.	
Eye contact:		In case of eye contact, rinse with water for 15 minutes and seek medical attention in necessary.	
Ingestion:		Wash mouth and provide plenty of water to drink. Do not induce vomiting. Get medical attention immediately.	
Inhalation:		Remove to fresh air.	
Notes for Physician:		Not applicable	
5. Fire-Fighting Measures			
Flammable Properties			
Flashpoint:		Product is not flammable, >250°F.	
Explosive properties:		Not determined.	
Auto-ignition temperature:		Product is not flammable.	
Suitable extinguishing media:		Foam, carbon dioxide, dry chemical. Fight larger fires with water spray or alcohol resistant foam.	
Unsuitable extinguishing media:		Not applicable.	
Hazardous Combustion Products:		Not determined.	
Specific Hazards:		No known hazards.	
Protective equipment:		Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.	
Fire and explosion protection:		Product does not present an explosion hazard.	
6. Accidental release measures:			
Personal precautions:		Danger of slipping on leaked/spilled product. Wear	

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	protective clothing.
Environmental precautions:	Do not allow product to reach sewage system or any water way. Inform respective authorities in case of seepage in to sewage system or water ways.
Methods for cleaning up:	Absorb onto an inert, absorbent substrate and sweep up. Wash with soap and water.
7. Handling and Storage	
Handling	
Technical Measures and Precautions:	Avoid contact with eyes. Ensure good ventilation in workplace. Avoid inhalation and swallowing. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Safe Handling Advice:	See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Storage	
Technical Measures and Storage Conditions:	Store in a cool, dry location, in a sealed container in a well-ventilated area.
Incompatible Materials:	Do not store with strong acids, strong bases and oxidizing substances.
8. Exposure Controls and Personal Protection	
PPE	
Eye protection:	OSHA approved safety glasses should be worn.
Skin and Body protection:	Slip proof shoes may be worn where spills may occur.
Respiratory protection:	Not needed under normal conditions of use.
Hygiene measures:	Normal work and hygiene practices for handling chemicals.
National occupational exposure limits	
United States:	Not determined
9. Physical and Chemical Properties	
Appearance:	Opalescent viscous liquid
Color:	Yellow-Beige-Green
Odor:	Marine
Molecular/Formula weight:	Not available
Flash point:	>250F

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Viscosity:	3200 – 4800 cP
Auto-ignition temperature:	Product is not auto-igniting.
Melting point/freezing point:	Not available
Evaporative rate:	Not available
Initial boiling point & range:	Not available
pH:	6.0 – 8.0
Specific gravity:	Not available
Solubility:	Water soluble
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Upper/lower flammability or explosive limits	Not available
Flammability:	Not available
Decomposition temperature:	Not available
10. Stability and Reactivity	
Reactivity:	Stable
Stability:	Stable
Conditions to avoid:	Extreme heat
Incompatible Materials:	No known
Hazardous decomposition products:	Possible in trace amounts. Carbon mono- and dioxide.
Possibility of Hazardous Reactions:	No known
Polymerization:	No known
Corrosivity:	Not applicable
11. Toxicological Information	
Acute toxicity	
Skin irritation:	Not available
Eye irritation:	Not available
Inhalation:	Not available
Ingestion:	Not available
Sensitization:	Not available
Chronic Toxicity	
Chronic Toxicity:	Not available
Carcinogenic effects:	Not available
Mutagenic effects:	Not available

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Reproductive effects:	Not available
Teratogenic effects:	Not available
Germ cell mutagenicity:	Not available
Target organs:	Not available
12. Ecological Information	
Ecotoxicity:	Not available
Aquatic toxicity:	Not available
Mobility:	Not available
Degradability:	Not available
Bioaccumulation potential:	Not available
13. Disposal Considerations	
Waste from residues/ unused products:	Dispose of according to local, state and federal regulations.
Contaminated packaging:	Dispose of according to local, state and federal regulations.
14. Transport Information	
DOT	
UN-No:	Not regulated
Proper Shipping Name:	Not applicable
Hazard Class:	Not applicable
Packing Group:	Not applicable
Subsidiary Risk:	Not applicable
Marine Pollutant:	Not applicable
ERG No:	Not applicable
DOT RQ (lbs.):	Not applicable
15. Regulatory Information	
US Regulations	No information
European (EU) Regulations	Material is EXEMPT under REACH regulations via Annex V
16. Other Information	
Preparation Date:	09/03/2025
Prepared by:	William Porubsky

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Literature reference:	
Disclaimer:	
<p>This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.</p>	