

Material Safety Data Sheet

Product: Quantum-Light

Section I: Identification

Manufacturer's Name: Ecological Laboratories, Inc.
Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909
Emergency Telephone: 800-424-9300 (outside the U.S.A. (202)483-7616 collect)
Information Telephone: 800-645-2976
Date Prepared: 8/9/10

Section II: Composition/Ingredients

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>Counts</u>
<i>Rhodopseudomonas palustris</i>	N/A	1.1%	≥3.0 E+6 cfu/cc
Inert ingredients	N/A	98.9%	

Note: NIOSH Approved respiratory apparatus not required
Note: This product is non-toxic and contains non-pathogenic bacteria.

Sections III: Physical/Chemical Characteristics

Appearance: Red to purple liquid.
Odor: Pungent and distinctive odor
Ph: 6.9-7.5
Boiling Point: 212° F/100° C
Solubility: Soluble. Disperses in water.
Vapor Pressure (mm Hg): Equivalent to water
Vapor Density: N/D
Specific Gravity: 0.9958

Section IV: Fire and Explosion Hazard Data

Flash Point: None
Auto Ignition Temp: N/A
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Hazards: N/A
Fire & Explosion Hazard Summary: Not considered to be a fire hazard.
Flammable limits: None
UEL: N/A
HMIS Rating: Fire: 0
Reactivity: 0
Fire Fighting Equipment Procedure: Standard firefighting equipment

Section V: Reactivity Data

Stability:	Stable under normal conditions.
Conditions to Avoid:	Strong acids or alkali compounds may inactivate the bio-cultures
Incompatibility (materials to avoid):	Strong acids or alkali compounds.
Hazardous Decomposition or byproducts:	None
Hazardous Polymerization:	Will not occur

Section VI: Health Hazard Assessment

Inhalation:	Move to fresh air
Skin: concentrations will	May cause slight irritation. Systemically toxic Probably not be absorbed through the skin in man
Ingestion:	May result in extreme diarrhea
Eye Contact:	This material may cause eye irritation
Health Hazards:	None known
Other effects of overexposure:	May cause infection if in contact with open wounds
Emergency & First Aid Procedures:	
Skin:	Remove contaminated clothing and footwear. Wash material off the skin with soap and water. Wash clothing and footwear before reuse.
Eyes:	Immediately flush with water for at least 15 minutes and have eyes examined and treated by medical personnel.
Ingestion:	Induce vomiting only if advised by physician or poison control center.

Section VII: Precautions For Safe Handling Use

Spill or Leak Procedure:	Where possible, flush down drain to waste treatment sewer; Otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and recollect for reuse or disposal.
Waste and Disposal Method:	Disposal of this product or its residues must be in accordance with all local, state, and federal requirements.
Handling or storing:	Prevent skin and eye contact. Wash hands thoroughly with soap and water after use. Avoid contact with eyes. Store material at temperatures below 110° F/43° C and above 32° F/0° C.

Section VIII: Control Measures

Respiratory Protection:	None required for recommended use
Local Exhaust:	Normal
Protective Gloves:	Rubber gloves not necessary but recommended
Eye Protection:	Safety glasses not necessary but recommended

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding these data or the results to be obtained from use thereof. Ecological Laboratories, Inc. assumes no responsibility for the injury to customers or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee, expressed or implied, is made by Ecological Laboratories, Inc. as to the effect of such use, the results to be obtained or the safety and toxicity of the product referred herein. Information provided herein is provided by Ecological Laboratories, Inc. solely for customer's assistance in complying with the Occupational Safety and Health Act of 1970 and regulations thereunder. Any other use is prohibited.