

SAFETY DATA SHEET
VERSION 1.1
Revision Date: September 2023

Section 1: IDENTIFICATION

Product Identifier: MICROBE-LIFT BROAD SPECTRUM DISEASE TREATMENT

Brand: MICROBE-LIFT

Product Number is based on Product Size. For more information request for brochure/ refer one.

Manufacturer: Ecological Laboratories Inc.

Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909

Phone: (800) 645-2976

Emergency: (800) 424-9300

Outside USA: (202) 483-7616

Recommended Use: Safest and most effective treatment for the control of diseases caused by Ichthyophthirius, Costia, Trichodina, Chilodonella, Oodinium and fungal infections.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Skin & Eye Irritant; Poison

Signal Word: Danger

Hazard Statement: Can cause eye and skin irritation over a long period of exposure. Poisonous if ingested.

Pictograms:



Precautionary Statements: Avoid contact with eyes. Flush immediately if needed. Use gloves to avoid contact with skin and open wounds. If exposed, wash with soap and water. Do not use internally. Keep out of reach of children.

Description of hazard not otherwise classified: NA

Mixture containing an ingredient with unknown toxicity: NA

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: NA

Common Name & Synonyms: MICROBE-LIFT BROAD SPECTRUM DISEASE TREATMENT

Chemical Abstracts Service (CAS) number and unique identifiers:

<u>PRODUCT</u>	<u>CAS#</u>
Water	7732-18-5
Methanol (Formaldehyde)	50-00-0
Methanol	67-56-1
Malachite Green Hydrochloride	569-64-2

Impurities & Stabilizing Additives: NA

Chemical Name and Concentration of all ingredients (classified as health hazard): NA

Section 4: FIRST AID MEASURES

In case of skin contact

Can cause chemical burns, vapor can cause irritation, tearing or burning sensation. May cause skin irritation. Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact. Rinse with water. Remove contaminated clothing and footwear. If symptoms persist, call a physician. May cause infection if in contact with open wounds.

In case of eye contact

This material may cause eye irritation. Rinse with plenty of lukewarm water, also under eyelids for fifteen minutes. If symptoms persist, call a physician.

If inhaled

Prolonged contact may cause slight irritation. Supply fresh air immediately. Rinse mouth and nose with water. Contact a physician if necessary.

If swallowed

Poisonous if swallowed; may cause severe irritation and inflammation of the mouth, throat and stomach. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Do not induce vomiting or give anything by mouth to an unconscious person. Gargle with water. If uneasy symptoms persist, call a physician. Induce vomiting only if advised by physician or poison control. Call poison control.

Recommendation for immediate medical care: Proceed as mentioned above. Call poison control if ingested. Seek medical attention if irritation persists. Remove contaminated clothing and footwear; wash with soap and water if it comes in contact with skin.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the environment.

Special hazards arising from the substance or mixture

NA

Advice for firefighters

Wear protective clothing and self-contained breathing apparatus

Further information

<7% LEL; >69° C flash point Closed cup.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

As mentioned under section 7.

Environmental Precautions

NA

Methods and materials for containment and cleaning up

Spills and accidental release may be absorbed with paper towels or rinsed to sanitary sewers.

Other Information

See Section 7 for information on safe handling.

See Section 8 for information on PPE.

See Section 13 for disposal information.

Section 7: HANDLING & STORAGE

Precautions for safe handling

Minimize exposure in accordance with good hygiene practice.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Keep container upright and tightly closed when not in use. Do not add any other materials to the container (including unused of material originally removed from the container).

Specific end use(s)

NA

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

None

Components with workplace control parameters

Contains no substance with occupational exposure limit values.

Exposure controls

Material transfer should be done under conditions of local exhaust ventilation to avoid breathing mist.

Permissible Exposure Limit (PELs)

None

Threshold Limit Values (TLVs)

Methanol (formaldehyde): 0.75 ppm (OSHA PEL); 0.3 ppm (ACGIH TLV)

Methanol (methyl alcohol): 200 ppm (OSHA PEL); 200 ppm (ACGIH TLV)

Appropriate engineering controls

Open air/Ventilation – Use exhaust as required reduce/eliminate air contamination.

Personal protective equipment

Wash hands before and after using the product.

Eye/face protection

Tightly fitting safety goggles recommended.

Skin protection

Skin should be covered by clothing at a minimum. Avoid excessive skin contact. Rubber gloves-recommended.

Body protection

Same as above

Respiratory protection

Where air contaminants exceed acceptable limits, wear NIOSH/MSHA approved full face respirator or half mask respirator with cartridge or canister specially approved for protection against formaldehyde.

Control of environmental exposure

NA

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance

Blue green liquid

Odor

Typical formaldehyde odor

pH

7.0 to 7.5

Melting point/freezing point

NA

Initial Boiling Point

101° C

Flammability (solid, gas)

None

Vapor Pressure

20° C (in mm of Hg): 67-88 mm Hg @ 20° C (68° F)

Vapor Density (air =1):

~1.03

Water Solubility

100%

Specific gravity

1.05 approximately

Section 10: STABILITY AND REACTIVITY

Reactivity

NA

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

NA

Condition to avoid

Temperatures below 50° F and above 100° F

Incompatible materials

Strong acids or alkali, bleaching agents and strong oxidizing and reducing agents

Hazardous decomposition products

Fire may cause the formation of CO

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

NA

Chronic Toxicity

NA

Reproductive Toxicity

NA

Additional Information

None

Section 12: ECOLOGICAL INFORMATION

Toxicity

NA

Persistence and degradability

NA

Bio-accumulative potential

NA

Mobility in soil

NA

Other adverse effects

NA

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Section 14: TRANSPORT INFORMATION

DOT (US)

UN Number

NA

Class

NA

Packing Group

NA

Proper Shipping Name

NA

Section 15: REGULATORY INFORMATION

California Proposition 65

Warning: This product contains a chemical known to the State of California to cause cancer.

Ingredient name

Formaldehyde Cancer

Section 16: OTHER INFORMATION

HMIS

Health – 1

Flammability – 0

Reactivity – 0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer 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.

This product conforms on its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. However, the manufacturer could withdraw the chemical composition of the product on the basis of it being a trade secret.

29 CFR 1910.1200 (D)(1)

The safety data sheet indicates that the specific chemical identity and/or percentage of composition is being withheld as a trade secret; The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

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this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be in a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Any controversy or claim arising out or relating to this contract, or breach thereof, shall be settle by arbitration in accordance with the commercial arbitration rules of the American Arbitration Association, and judgment upon the rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.