

SAFETY DATA SHEET
VERSION 1.1
Revision Date: September 2023

Section 1: IDENTIFICATION

Product Identifier: MICROBE-LIFT POND SALT

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: Helps maintain a healthy pond environment and reduce the threat of parasitic disease in pond water.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Skin & Eye Irritant

Signal Word: Warning

Hazard Statement: May cause slight irritation to the respiratory tract; large doses while ingesting may cause vomiting or diarrhea. It may cause irritation to skin and irritation or redness to eye.

Pictograms:



Precautionary Statements: Keep children away from the product.

Description of hazard not otherwise classified: NA

Mixture containing an ingredient with unknown toxicity: NA

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Sodium Chloride

Common Name & Synonyms: NA

Chemical Abstracts Service (CAS) number and unique identifiers: 7647-14-5; 99%

Impurities & Stabilizing Additives: NA

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

Section 4: FIRST AID MEASURES

Note: The product has been classified as a non-hazardous substance.

If inhaled

May cause mild irritation to the respiratory tract.

In case of skin contact

May irritate damaged skin; absorption can occur with effects similar to those via ingestion.

In case of eye contact

Causes irritation, redness and pain. (For salt concentrations greater than the normal saline present)

If swallowed

Very large doses can cause vomiting, diarrhea and prostration. Dehydration and congestion occur in most internal organs. Hypertonic salt solutions can produce violent inflammatory reactions in the gastrointestinal tract.

Recommendation for immediate medical care: As applicable above

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

Firefighters must wear fire resistant personnel protective equipment.

Further information

Product is not considered to be a fire hazard.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Eye goggles, Rubber gloves

Environmental Precautions

NA

Methods and materials for containment and cleaning up

Ventilate area of leak or spill. Wear PPE as specified above. Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

Reference to other sections

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

Protect against physical damage.

Conditions for safe storage, including any incompatibilities

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Store under dry (less than 75% R.H.) conditions to prevent caking of salt. Store on pallets under protective cover. Do not store cases/bags directly on damp or concrete floors. Avoid pressure packing/stacking of bags by stacking pallets no greater than 3 high.

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 dust.

Permissible Exposure Limit (PELs)

None

Threshold Limit Values (TLVs)

None

Appropriate engineering controls

In general, dilution ventilation is a satisfactory health hazard control for this substance. However if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal protective equipment

Eye/face protection

Use safety goggles. Maintain eye wash fountain and quick drench facilities in work area.

Skin protection

Wear protective gloves and clean body covering clothing.

Respiratory protection

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Control of environmental exposure

Minimize environmental exposure.

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance

Solid white or off white crystalline

Odor

Odorless

Melting point/freezing point

NA

Initial Boiling Point

NA

Flash Point

NA

Flammability (solid, gas)

No

Vapor Pressure & Density

2.4

Water Solubility

35.7 @ 0° C; 36.0 @ 20° C

Specific gravity

2.165

Section 10: STABILITY AND REACTIVITY

Reactivity

NA

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

NA

Condition to avoid

Concentrated acids such as sulfuric acid or nitric.

Incompatible materials

Strong acids or alkali compounds.

Hazardous decomposition products

When heated to above 801° C it emits toxic fumes of chloride and sodium oxide.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral rat LD50	3000 mg/kg.
Inhalation rat LC50	> 42 gm/m ³ /1H.
Skin rabbit LD50	> 10 gm/kg. Investigated as a mutagen, reproductive effector.

Chronic Toxicity

NA

Reproductive Toxicity

NA

Additional Information

None

Section 12: ECOLOGICAL INFORMATION

Toxicity

Not classified.

Persistence and degradability

None

Bio-accumulative potential

NA

Mobility in soil

NA

Other adverse effects

None

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal in accordance with federal, state and local regulations.

Section 14: TRANSPORT INFORMATION

DOT (US)

UN Number

NA

Class

NA

Packing Group

NA

Proper Shipping Name

NA

Section 15: REGULATORY INFORMATION

There are no safety, health and environmental regulations/legislation specific for the substance or mixture.

Section 16: OTHER INFORMATION

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.

Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter 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.