

SAFETY DATA SHEET

VERSION 1.1

Revision Date: September 2023

Section 1: IDENTIFICATION

Product Identifier: MICROBE-LIFT KH (CARBON ALKALINITY) TEST KIT

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: Read Label.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Skin & Eye Irritant

Signal Word: Warning

Hazard Statement: Keep out of reach of children

Pictograms:



Precautionary Statements: Harmful if absorbed through skin or swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after use.

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 KH CARBONATE ALAKALINITY TEST KIT

Chemical Abstracts Service (CAS) number and unique identifiers: NA

Impurities & Stabilizing Additives: NA

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

Bromocresol Green

Sodium Salt

Hydrochloric Acid

Water

Complete Chemical compositions have been withheld as a trade secret.

Section 4: FIRST AID MEASURES

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

In case of skin contact

Rinse with water. 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. If symptoms persist, call a physician. Remove contaminated clothing and footwear.

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

If person is conscious rinse mouth with water and administer drinking of water to dilute stomach contents. Do not induce vomiting. Seek medical attention immediately.

Recommendation for immediate medical care: Call poison control if ingested. Immediately flush with water for 15 minutes if it comes in contact with eyes. 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

For small fires, use dry chemical, carbon dioxide, water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

Hazardous combustion products include nitrogen oxides, hydrogen chlorides.

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

As mentioned under Section 7.

Environmental Precautions

Do not allow this material to enter waterways in large quantity.

Methods and materials for containment and cleaning up

Absorb spill with inert material such as sand, vermiculite or diatomaceous earth, and transfer to a suitable container labeled for later disposal.

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

Wash thoroughly before and after handling. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Store tightly capped in a cool, dry, well-ventilated area away from incompatible materials.

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)

None

Appropriate engineering controls

Open air/Ventilation

Personal protective equipment

Eye/face protection

If splashes are likely to occur, wear safety glasses with side-shields.

Skin and Body protection

Repeated or prolonged contact: Wear protective gloves and protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Control of environmental exposure

NA

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance

Clear yellow orange liquid

Odor

Odorless

pH

1.0 to 2.0

Melting point/freezing point

NA

Initial Boiling Point

NA

Flash Point

NA

Flammability (solid, gas)

No

Vapor Pressure & Density

NA

Water Solubility

Complete in water

Specific gravity
1.0 approximately

Section 10: STABILITY AND REACTIVITY

Reactivity

NA

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

NA

Condition to avoid

None Known

Incompatible materials

Strong oxidizers, reducing agents, bases, metals

Hazardous decomposition products

CO might be released upon burning.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Likely Routes of Exposure: Eyes, Skin

RTECS:

CAS# 7647-01-0: MW4025000

CAS# 7732-18-5: ZC0110000

Corrosion/Irritation:

Draize test, rabbit, skin: 50 mg/24H (Mild).

Chronic Toxicity

NA

Reproductive Toxicity

NA

Additional Information

None

Section 12: ECOLOGICAL INFORMATION

Toxicity

NA

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)**

NA

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 (I)(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.