



**Ecological Laboratories** INC.

*Providing Aquatic Solutions Since 1976*

**SAFETY DATA SHEET**

VERSION 1.1

Revision Date : May 2015

## **Section 1 : IDENTIFICATION**

**Product Identifier :** MICROBE LIFT DRY AMMONIA REMOVER

**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. 9<sup>th</sup> 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 :** Caution

**Hazard Statement:** Classified as Non Hazardous. Can cause eye and skin irritation over a long period of exposure.

**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 :** MICROBE LIFT DRY AMMONIA REMOVER

**Common Name & Synonyms :** NA

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

<u>PRODUCT</u>	<u>CAS#</u>
Sodium Hydroxymethanesulfonate	870-72-4

**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**

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

### **In case of skin contact**

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.

### **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 swallowed**

Excessive ingestion may cause nausea or diarrhea. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. 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. Foam, Carbon dioxide, Dry chemical.

### **Special hazards arising from the substance or mixture**

NA

### **Advice for firefighters**

Wear appropriate protective equipment approved where mists or vapors of unknown concentrations may be generated.

### **Further information**

Product may produce a floating fire.

## **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**

Rinsed to sanitary sewers.

### **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**

Minimize exposure in accordance with good hygiene practice. Keep out of reach of children.

### **Conditions for safe storage, including any incompatibilities**

Keep container upright and tightly closed when not in use, and do not add any other materials to the container.

### **Specific end use(s)**

Do not add any other materials to the container (including unused material originally removed from the container).

## **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)**

21% aqueous solution is non-toxic (by acute oral mammalian toxicity tests) at 5,000 mg/kg

### **Appropriate engineering controls**

Open air/Ventilation;

### **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**

Not recommended. Avoid creating aerosols in poorly ventilated areas.

### **Control of environmental exposure**

NA

## **Section 9 : PHYSICAL & CHEMICAL PROPERTIES**

### **Appearance**

White powder

### **Odor**

Mild /odorless

### **pH**

5.0 – 9.0

### **Melting point/freezing point**

NA

### **Initial Boiling Point**

NA

### **Flash Point**

NA

### **Flammability (solid, gas)**

None

### **Vapor Pressure & Density**

NA

### **Water Solubility**

Dispersible/Soluble

### **Specific gravity**

NA

### **Evaporation Rate**

NA

## **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**

Inactivated by strong oxidizing substances and strong acids and bases.

### **Hazardous decomposition products**

May produce sulphur dioxide under conditions of exposure to fire.

## **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**

Product is labeled and intended for use with both freshwater and saltwater fishes, aquatic plants, aquatic invertebrates and other aquatic vertebrates. Use in aquaculture is permissible under regulation of U.S. Food and Drug Administration, for fishes and aquatic invertebrates intended for human consumption.

## **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**

Cleaning Compounds ,#59370, supplement NMF100C, class 55

## **Section 15 : REGULATORY INFORMATION**

**State Warnings**

California proposition 65: This product not known to contain any detectable amounts of any chemical or chemicals know to the State of California to cause cancer/birth defects or other reproductive harm.

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

## **Section 16 : OTHER INFORMATION**

This information is based on our present knowledge and data provided by our suppliers. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**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.