

**SAFETY DATA SHEET**  
**According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)**

**EARTH SCIENCE LABORATORIES, INC.**

113 SE 22<sup>nd</sup> Street, Suite 1  
Bentonville, AR 72712  
earthsciencelabs.com

**Emergency Phone Number:**  
**Information Phone Number:**

1-800-535-5053 (Infotrac)  
1-479-271-7381

**Material Name:** *Micro-pHood*

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**Issue Date:** 6/18  
**Revision Date:** 01/2019

**Section 1 – PRODUCT IDENTIFICATION**

**Product Name:** Micro-pHood

**Manufactured by:** Earth Science Laboratories, Inc.  
113 SE 22<sup>nd</sup> St., Suite 1  
Bentonville, AR 72712

**Section 2 –HAZARDS IDENTIFICATION**

**NFPA**  
**HMIS III:**

Health = 2, Fire = 0, Reactivity = 1  
H2///F0/PH1

**GHS Signal Word:**

Warning

**GHS Hazard Pictograms:**



**GHS Classifications:**

Physical, Corrosive to Metals, 1  
Health, Acute Toxicity, 4 Oral  
Health, Skin corrosion/irritation. Avoid contact with skin, 2  
Health, Causes serious eye irritation/eye irritation, 2  
Environmental, Hazards to the aquatic environment – no data available

**GHS Phrases:**

H290 – May be corrosive to metal  
H302 – Harmful if swallowed  
H315 – Causes skin irritation  
H319 – Causes serious eye irritation

**GHS Precautionary Statements:**

P102 – Keep out of reach of children.  
P233 – Keep container tightly closed.  
P262 – Do not get in eyes, on skin or clothing.  
P264 – Wash skin thoroughly after handling.  
P270 – Do not eat, drink or smoke when handling this product.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P281 – Use personal protective equipment as required.  
P301+310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



### Section 6 – ACCIDENTAL RELEASE MEASURES

**Containment Procedures:** Flush with water into retaining area or container. Caution should be exercised regarding personal safety and exposure to released product.

**Clean-Up Procedures:** Neutralize solution with bicarbonate of soda.

**Evacuation Procedures:** Keep unnecessary people away; isolate hazard area and deny entry.

**Special Instructions:** Notify local authorities and the National Response Center, if required.

### Section 7 – HANDLING AND STORAGE

**Application and Handling Equipment:** Application, handling or storage equipment MUST consist of fiberglass, PVC, polypropylene, viton, corrosion resistant plastics or stainless steel. Never use mild steel, nylon, brass or copper around product. Always rinse and clean equipment thoroughly each night with plenty of fresh, clean water.

**Storage:** Store in a safe place away from pets and keep out of the reach of children. Store away from excessive heat. Product will freeze. Always store product above 40 degrees F (Do Not Freeze). Freezing may cause product separation. Always keep container closed. Keep away from galvanized pipe, and any nylon storage or handling equipment.

### Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following: long-sleeved shirt, long pants, shoes plus socks, chemical-resistant gloves made of any water proof material (Chemical Resistance Category A), and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Physical State:** Liquid

**pH:** 0.2

**Vapor Pressure:** 0.1mm 68° F

**Boiling Point:** N/A

**Melting Point:** N/A

**Odor:** Minimal odor

**Vapor Density (Air=1):** 1.0

**Evaporation Rate:** N/A

**Solubility in Water:** Complete

**Specific Gravity (H<sub>2</sub>O=1):** 1.34 +/- 0.05

### Section 10 – STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Conditions to Avoid:** Avoid mixing with strong bases and strong reducing agents.

**Incompatibility:** Incompatible with strong bases and strong reducing agents.

**Hazardous Decomposition Products:** Sulfur dioxide and sulfur trioxide may be produced with decomposition.

**Hazardous Polymerization:** Will not occur.

### Section 11 - TOXICOLOGICAL INFORMATION

**Acute Toxicity / Chronic Toxicity:** Continued overexposure to this solution may cause systemic toxicity.

**Carcinogenicity:** N/A

**Signs and Symptoms of Exposure:** Overexposure may cause the following specific symptoms, depending on the concentration and duration of exposure: vomiting, shallow respiration and lung function changes.

### Section 12 - ECOLOGICAL INFORMATION

No Data/information found.

**Section 13 – DISPOSAL CONSIDERATIONS**

Improper disposal of excess product mixture or rinsate is a violation of federal law. Dispose in a safe manner in accordance with local/national regulations. Dispose of container to comply with local, state and federal regulations.

In the event of spill, neutralize with limestone or baking soda before disposal. May deteriorate concrete.

**Section 14 – TRANSPORT INFORMATION**

**DOT Information**

**Proper Shipping Name:** Corrosive liquid, acidic, inorganic, n.o.s., (contains sulfuric acid)

**Hazard Class:** 8

**UN/NA #:** UN3264

**Packing Group:** II

**Section 15 - REGULATORY INFORMATION**

Caution. Keep Out of Reach of Children.

**Section 16 - OTHER INFORMATION**

**Date of Last Revision:** January 2019.

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