

# Safety Data Sheet

## 1. Product and Company Identification

### Product Identifier: BioRem-2000 Hand Cleaner

**General Use:** BioRem-2000 Hand Cleaner is designed as an industrial hand cleaner that cleans working hands. It is tough on grease, oil and the most difficult soils. Revitalizes skin and eliminates dry, cracked hands. Will not clog drains like pumice-based hand cleaners do.

**Product Description:** Amber liquid

**Manufacturer:**  
Clift Industries, Inc.  
PO Box 471578  
Charlotte, NC 28247  
704-752-0031

**Emergency Telephone**  
CHEMTREC  
800-424-9300

## 2. Hazards Identification

**Classification:** Acute toxicity, Oral, Inhalation Category 5  
Eye Irritation, Category 2B

**Signal Word:** Warning!



**Hazard Statement:** H303+H313 Maybe harmful if swallowed, in contact with skin or if inhaled.  
+H333  
H320 Causes eye irritation.

**Precautionary Statements Prevention:** P264 Wash hands thoroughly after handling.

**Precautionary Statements Response:** P304 + 340 **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing

P301+330+331 **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

P305+351+338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.

## 3. Composition/Information on Ingredients

Ingredients	CAS No.	Weight %
Aqua	7732-18-5	70-90
Enzymes	Proprietary	5-10
Emollients	Proprietary	5-10
Surfactant	Proprietary	5-10

## 4. First Aid Measures

**Eye Contact:** Flush eyes for fifteen minutes with water. If irritation persists, contact a physician.

**Skin Contact:** Wash with soap and water. If irritation persists, contact a physician.

**Inhalation:** Not normally required. Move to fresh air. If symptoms persist, get medical attention.

**Ingestion:** Not normally required. Contact a physician if ingested.

## 5. Fire Fighting Measures

**Extinguishing Media:** Product is water-based and will not support flames.

**Special Fire Fighting Procedures:** None required.

**Hazardous Combustion Products:** None known.

**Unusual Hazards:** None expected.

## 6. Accidental Release Measures

**Spill or Leak Procedures:** If material is unused, collect and recover for reuse. Not a listed hazardous waste.

## 7. Handling and Storage

**Handling Precautions:** Avoid contact with eyes. Do not swallow.

**Storage Precautions:** Store in cool, dry area. Prevent product from freezing. Keep out of the reach of children. Shelf life: 3 years as long as the product is kept in a clean, dry environment away from direct sunlight and/or excessive heat.

**General:** Follow label directions carefully. Make sure all containers are labeled properly. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** None required.

### PERSONAL PROTECTION

**Eyes:** None required.

**Respirator:** None required.

**Gloves:** None required.

**Other:** None.

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMIT 8 hrs. TWA (ppm)  
OSHA PEL ACGIH TLV

None

## 9. Physical/Chemical Characteristics

**Appearance:** Amber liquid

**Odor:** Bland

**pH:** 8.4

**Melting Point/Freezing Point:** 32° F (0° C)

**Initial Boiling Point and Range:** 212° F (100° C)

**Flash Point:** None **Method:** Not available.

**Evaporation Rate:** Not established.

**Flammable Limits:** Not applicable.

**Conditions of Flammability:** Non-flammable.

**Explosive Properties:** Not established.

**Vapor Pressure:** Not available.

**Vapor Density:** Not established.

**Relative Density (H<sub>2</sub>O =1):** 1.12

**Solubility in Water:** Complete

**VOC (g/L):** 0

## 10. Stability and Reactivity Data

**General:** This is a stable material.

**Conditions of Reactivity:** None known.

**Incompatible Materials:** None known.

**Conditions to Avoid:** Excessive heat or flame.

**Hazardous Decomposition:** Not established.

**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Data

**LD50:** Not established.

**LC50:** Not established.

**Carcinogenicity:** IRAC: None

National Toxicology Program: None

OSHA: None

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

## 12. Ecological Data

No data available

## 13. Disposal Considerations

**Waste Disposal Method:** Observe all federal, state and local regulations.

## 14. Transport Information

**D.O.T. (Department of Transportation):**

**Proper Shipping Name:** Non-hazardous liquid

**Hazard Class:** Not regulated

**Identification Number:** Not applicable

## 15. Regulatory Information

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity

**OSHA Hazard Communication Standard, 28 CFR 1910.1200:** No hazardous ingredient.

**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient.

**TSCA (Toxic Substances Control Act):** All ingredients are listed.

## 16. OTHER INFORMATION:

**NFPA Hazard Rating:** Health – 0

**None → Extreme**

0 → 4

**Fire – 0**

**Reactivity – 0**

Reason for Issue: GHS changes to Sections 2 & 3.

Prepared by: JD Pickett

Approved by: S. Dickson

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