

Safety Data Sheet

1. Product and Company Identification

Product Identifier: BioRem-2000 Super Absorber

General Use: BioRem-2000 Super Absorber is a loose absorbent that will absorb and solvents and hydrocarbons.

Product Description: White, loose powder with no odor.

Manufacturer: Clift Industries, Inc. PO Box 471578 Charlotte, NC 28247 704-752-0031	Emergency Telephone CHEMTREC 800-424-9300
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2. Hazards Identification

GHS Classification: Not a dangerous substance according to GHS

POTENTIAL HEALTH EFFECTS:

Eye Contact: High levels of dust may cause irritation.
Ingestion: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.
Inhalation: High levels of dust may cause respiratory tract irritation.
Skin Contact: High levels of dust may cause irritation.
Chronic: Not established.

3. Composition/Information on Ingredients

Ingredients	CAS No.	Weight %
Neutralizer	Proprietary	<50%
Absorbent	Proprietary	<50%

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: Unused form: Dry chemical, water fog, Carbon dioxide, sand.
Used form: That which is compatible to liquid (s) absorbed.

Special Fire Fighting Procedures: None required.

Hazardous Combustion Products: Carbon oxides.

Unusual Hazards: None expected. Refer to absorbed liquid(s) MSDS(s). Extreme heat may cause pressure to build up inside drum.

6. Accidental Release Measures

Spill or Leak Procedures: Use proper PPE as outlined in Section 8. Contain, retrieve spilled materials (absorb, pump, vacuum). Vacuuming or wet mopping may be used to avoid dust dispersal.

7. Handling and Storage

Handling Precautions: Use with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing dust. Keep container tightly sealed when not in use.
Storage Precautions: Room temperature. Store in cool, dry area at room temperature. Prevent product from freezing. Shelf life: >1 year, in original sealed package.
General: Refer to absorbed liquid(s) MSDS(s). Follow label directions carefully. Make sure all containers are labeled properly. The container can be hazardous when empty. 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, or where skin contact can occur.

8. Exposure Controls/Personal Protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

PERSONAL PROTECTION

Eyes: Safety goggles or glass with side shields

Respirator: NIOSH/MSHA approved respirator when ventilation is inadequate.

Gloves: Impervious gloves.

Other: Maintain eyewash and safety shower in work area.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMIT 8 hrs TWA (ppm)	
	OSHA PEL	ACGIH TLV
Nuisance Dust:		
Total	15 mg/m ³	10 mg/m ³
Respirable	5 mg/m ³	3 mg/m ³

9. Physical/Chemical Characteristics

Appearance: White
Odor: None
pH: Not available.
Melting Point/Freezing Point: Not available.
Initial Boiling Point and Range: Not Available.
Flash Point: N/A **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 (H₂O =1): 0.495
Solubility in Water: Soluble
VOC (g/L): 0

10. Stability and Reactivity Data

General: This is a stable material
Conditions of Reactivity: Reacts with sodium hypochlorite or calcium hypochlorite.
Incompatible Materials: Strong oxidants
Conditions to Avoid: Dust generation.
Hazardous Decomposition: Oxides of carbon and nitrogen, ammonia.
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: Not regulated
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: Nuisance dust (PNOR).
SARA Title III (Superfund Amendments and Reauthorization Act): Not covered under SARA 313.
TSCA (Toxic Substances Control Act): All ingredients are listed.

16. OTHER INFORMATION:

NFPA Hazard Rating: Health – 1
None → Extreme Fire – 0
0 → 4 Reactivity – 0
 PPE – B

Reason for Issue: GHS changes to Sections 2 & 3.
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Approval Date of Issue: 8/28/2014
Approval Date: 8/28/2014

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