

# Pond Conditioner™

## Material Safety Data Sheet

BIOREMEDIATION INC.  
CORPORATE: 888-242-2898  
P.O. Box 6129  
SOUTH BEND IN ,46617  
CHEMTREC: 800-424-9300  
HAZARD RATING  
1= Slight  
2= Moderate  
3= High  
4= Extreme  
0= Insignificant  
DATE PREPARED: 6/8/04  
DATE REVISED: 6/8/04  
DATE OF ORIGINATION: 11/12/98

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E	B

### I. PRODUCT IDENTIFICATION:

#### Pond Conditioner™

COMMON NAME: CLEANING COMPOUND  
GENERIC NAME: CLEANER  
CHEMICAL: MIXTURE

### II. HAZARDOUS INGREDIENTS:

Ingredients CAS % OSHA PEL ACGIH TLV

DOES NOT CONTAIN ANY HAZARDOUS INGREDIENTS

### III. PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: 212 APPEARANCE: AMBER  
SPECIFIC GRAVITY: 1.0031 FORM: LIQUID  
MELTING POINT: N/D ODOR: BLAND  
EVAPORATION RATE: N/D VAPOR DENSITY: N/D  
SOLUBILITY (H2O, 25C): Soluble pH: 7  
VOLATIZES CONTENT: 0 VOC (g/L) 0

### IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: DEGREES More than 300F  
LEL: N/D  
UEL: N/D  
Autoignition Temperature: N/D  
Extinguishing Media: Product is water-based and will not support flames.  
Unusual Fire/Explosion Hazards: Closed containers exposed to heat may rupture due to pressure buildup.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, hydrocarbons, steam.

### V. REACTIVITY:

STABILITY: Stable  
CONDITIONS TO AVOID: None known

### VI. HEALTH HAZARDS:

#### ROUTES AND INDICATIONS OF EXPOSURE

EYES: May cause irritation to eyes.  
SKIN: Good industrial hygiene recommended.  
INHALATION: N/A  
INGESTION: May cause irritation.  
TOXICITY DATA: None as listed by OSHA, NTP, IARC or EPA

#### EMERGENCY FIRST AID:

EYES: Flush eyes for fifteen minutes with water.  
SKIN: Wash exposed areas with soap and water.  
INHALATION: Remove victim to fresh air or oxygen supply. Seek medical attention if breathing difficulty persists.  
INGESTION: If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting.

### VII. SPILL, DISPOSAL PROCEDURES AND PRECAUTIONS:

**HANDLING:** Keep closed when not in use. Store at room temperature. Prevent product from freezing. Follow MSDS and Label warnings even after package is empty.  
**Material Spillage:** Contain, retrieve spilled materials (absorb, pump, vacuum)  
**WASTE DISPOSAL:** This material is NOT defined as hazardous by the Resource Conservation and Recovery Act. It is the product users responsibility to determine at the time of disposal, whether a material containing the product or derived form the product should be classified as a hazardous waste. (40 FR 261020-40). Spill and releases of this material are not reportable under S.A.R.A. (III) Sec. 313.

### VIII. PERSONAL PROTECTIVE EQUIPMENT (P.P.E.):

**PROTECTIVE EQUIPMENT:** Wear safety glasses and gloves.  
**RESPIRATORY PROTECTION:** General ventilation recommended.  
**ENGINEERING CONTROLS:** Keep containers closed when not in use. Do not handle or store near strong oxidants.  
**PERSONAL HYGIENE:** Cleanse skin thoroughly after contact.

### IX. REGULATORY INFORMATION:

D.O.T. SHIPPING NAME: NON-REGULATED  
D.O.T. HAZARD CLASSIFICATION: N/A  
S.A.R.A. III Sec. 311 & 312: N/A  
S.A.R.A. III Sec. 313: NOT covered under Sara 313  
R.C.R.A.: NO  
TSCA Registry: YES

The information provided in this MSDS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.

# BioRem-2000

## Pond Conditioner™

### Benefits

- Removes green bio-films and prevents new growth.
- Reduces phosphorous and nitrogen levels.
- Reduces nitrogen levels.
- Reduces ammonia levels and organic odors.
- Breaks down organic waste in the water.
- Clarifies lakes and ponds by eliminating their cloudy water.
- Improves the aquatic environment for fish and wildlife.
- Safe for humans, animals, fish and aquatic plant life.
- Fast-acting, containing no algaecides.
- 1 gallon covers one acre of water.



BioRem-2000 Pond Conditioner™ is an all-natural formula derived from biological agents and botanical extracts which are used primarily for removal of contaminants in water sources such as ponds and lagoons.



The system is based on the digestion of nitrogen, ammonia and phosphorus which are fuels for the acceleration of growth. Green bio-film is hazardous due to the toxins they produce as a result of their normal physiology. Additionally, the green bio-film also has a blanketing effect blocking sunlight and destroying the equilibrium of the water ecosystem. BioRem-2000 Pond Conditioner™ is a non-toxic, non-hazardous system digesting ammonia, nitrogen and phosphorus thus cleaning the water source of green bio-film and scum accumulation, therefore bringing the pond back to its natural state.

BioRem-2000 Pond Conditioner™ converts ammonia to nitrogen gas and the phosphorous is absorbed into a cellular matrix of the microbes to form the cell walls which aid in the energy system of the Mitochondria. The elimination of these nutrients is essential in our strategy of green bio-film control. Green bio-films are extremely toxic to marine life and humans because of the by-products they produce. The BioRem-2000 Pond Conditioner™ system starves the green bio-film and also digests the toxins.



The biological system in BioRem-2000 Pond Conditioner™ works in both aerobic and anaerobic digestion processing environments. BioRem-2000 Pond Conditioner™ digestive processes also help lower the total suspended solids (TSS) in the decanted water. BioRem-2000 Pond Conditioner™ is formulated with ingredients that are approved for use under 21 CFR 182.20 as a food grade additive, with applications described under Section 409 covering nutrient equalizer use.



	BioRem Pond Conditioner™	Copper Sulfate	Diquat
Algaecide	No	Yes	Yes
Control Odor	Yes	No	No
Reduces Sludge	Yes	No	No
Benefits Turf	Yes	No	No
Environmentally Safe	Yes	No	No
Permits Required	No	Yes	Yes
All Natural	Yes	No	No

Item Number	Product Description	Unit Size
8701-004	BioRem-2000 Pond Conditioner™	4-1 Gal.

3959 E 275 South  
 Knox, IN 46534  
 Ph 574-850-3112  
 Fax 574 772-8075