

# Material Safety Data Sheet

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Data Information as Required by OSHA Regulations

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**Product:**  
**BIO-DEX**  
**SALT PROTECT**

Swimming Pool, Spa and Fountain  
Treatment for Hard Water Problems, Stain, Scale and the prevention of rust  
and corrosion on and in equipment  
Including pools using salt generating systems



**BIO-DEX LABORATORIES**  
**4212 W. Innovative Dr.**  
**Phoenix, AZ 85086**



## MATERIAL SAFETY DATA SHEET

**Product:**

### **SALT PROTECT**

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**Including pools using salt generating systems**

#### **Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:**  
**BIO-DEX SALT PROTECT**

**General Use:**  
Swimming Pool Water

**NFPA 704m/HMLS RATING:**  
Health: 2  
Flammability: 0  
Reactivity: 0

**Company Identification:**  
**Bio-Dex Laboratories**

**4212 W. Innovative Dr.**  
**Phoenix, AZ 85086**  
**(623) 582-2400 Fax: (623) 582-2405**  
**Medical Emergency – 24 Hr:**  
**(602) 253-3334**  
**Samaritan Regional Poison**  
**Center**

**Chemical Names:**  
Non-Toxic Cleaning  
Compounds  
Bio-Degradable Surfactant  
Color  
Water

**CARCINOGEN:**  
OSHA - NO  
L.A.R.C. – NO  
NTB - NO

**HAZARD RATING SCALE:**  
0: Insignificant  
1: Slight  
2: Moderate  
3: High  
4: Extreme

#### **Section 2. SUMMARY OF HAZARDS**

**As with all chemicals, use with safety in mind.**

**Inhalation:** Not an expected hazard.

**Ingestion:** Do not take internally. May cause sore throat, abdominal pain and nausea.

**Skin Contact:** Wear protective rubber gloves and protective eye goggles when using this product.

**Eye Contact:** May cause redness, pain blurred vision and possible eye damage.

**Chronic Exposure:** No information found.

Aggravation of pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of this substance.

### Section 3. PHYSICAL PROPERTIES

**Appearance:**

Clear solution – red color added for aesthetic value.

**Odor:** Characteristic odor.

**Solubility in Water: Complete**

**Flash Point:** N/D

**ph:<2 Viscosity:** Slightly viscous.

**Freezing Point:** 32 deg. F

**Note:** These physical data are typical values based n material tested and may vary from sample to sample, and should not be construed as a guaranteed analysis of any specific lot or as a specification.

### Section 4. FIRE AND EXPLOSION HAZARDS

The material does not meet the parameters for flammability, however it will burn in the presence of a strong ignition source after the water is removed.

**Extinguishing Media:** Water, carbon dioxide, foam, powder extinguisher.

**Special Firefighting Procedures:** Fire Fighters should wear full protective clothing and NIOSH approved respirator.

**Materials to Avoid:** Avoid contact with concentrated caustic. Also avoid contact with strong oxidizing agents.

**Hazardous Polymerization:** Does not occur.

### Section 5. HEALTH AND SAFETY DATA

Eye:	Check for and remove any contact lenses. Flush with plenty of water for at least 30 minutes. Occasionally lifting Upper and lower eyelids. Seek medical attention.
Skin:	Wash with soap and water.
Serious Skin Contact:	Wash with soap and water. Seek medical attention.
Carcinogenicity:	This material is not listed as a carcinogen.
Ingestion:	Drink large quantity of water
Inhalation:	Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Observe for coughing, wheezing or pain. Seek medical attention.

### Section 6. HANDLING AND STORAGE

Personal Protective Equipment:	Normal precautions
Leak and Spill Procedure:	Wear suitable protective clothing. Clean up spill with water.
Waste Disposal:	Dispose in accordance with all applicable local, state, and federal environmental regulations.
Handling and Storage:	Do not breathe vapor. Avoid prolonged or repeated exposure. Avoid contact with with eyes, skin and clothing. Suitable for any general chemical storage area. Keep container tightly closed.
Toxicological Information:	No Data Available.
Ecological Information:	No Data Available
Transport Information:	Domestic D.O.T.

DOT Description: Chemicals, N.O.S. (Non-Regulated) (Class 55)  
Reportable Quantity (RQ): 49 CFR 172.101 – Not Applicable

**TSCA:** Invertebrates: This product is practically non-toxic.

**Department of Transportation:**

Not regulated.

**TDG (Transportation of Dangerous Goods):**

Not regulated.

**MSDS Prepared by :** **OMNI RESEARCH CORPORATION**  
**DBA: BIO-DEX LABORATORIES**

**THIS MATERIAL SAFETY DATA SHEET CONTAINS AT LEAST THE INFORMATION REQUIRED BY THE FEDERAL OSHA HAZARD COMMUNICATION RULE 29 CFR 1910 12300 (G) (2).**

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and to develop work practice procedures for a safe environment.

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