

# Material Safety Data Sheet

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Data Information as Required by OSHA Regulations

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**Product:**  
**BIO-DEX**  
**ZEO**  
**FILTER CLEANER**



**BIO-DEX LABORATORIES**

**501 WEST LONE CACTUS DR.**  
**PHOENIX, AZ 85027**



## MATERIAL SAFETY DATA SHEET

### Product: ZEO FILTER CLEANER

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

**Product Name:**  
BIO-DEX ZEO FILTER CLEANER

**Health - 2**  
**Fire - 0**  
**Reactivity - 0**

**PRODUCT IDENTIFICATION**  
**INGREDIENTS:**

**Company Identification:**  
Bio-Dex Laboratories  
501 West Lone Cactus Dr.  
Phoenix, AZ 85027  
(623) 582-2400  
Fax: (623) 582-2405

**ALL NON TOXIC:**  
Bio-Degradable Cleaning Agents  
Bio-Degradable Surfactants  
Color  
Water  
Sodium Chloride [SALT]

**Medical Emergency - 24 Hr:**  
(602) 253-3334  
Samaritan Regional Poison Center

**CARCINOGEN:**  
OSHA - NO  
I.A.R.C. - NO  
NTB - NO

#### Section 2. SUMMARY OF HAZARDS

**Summary of Hazards:**

**Inhalation:** Not an expected hazard

**Ingestion:** Do not take internally. May cause sore throat, abdominal pain, and nausea. Can cause death if ingested in large amounts.

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

**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 the substance.

#### Section 3. FIRST AID MEASURES

**First Aid Measures:**

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician immediately.

**Ingestion:** If swallowed, do not induce vomiting. Give large quantities of water. Never give anything to an unconscious person. Get immediate medical attention.

**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician immediately. Wash clothing before reuse.

**Eye Contact:** Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.



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### Product: ZEO FILTER CLEANER

<b>Section 3. FIRE FIGHTING MEASURES</b>
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**Fire:** Not considered to be a fire hazard.

**Explosion:** Not considered to be an explosion hazard.

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool. Use water in abundance.

**Special Information:** In the event of fire, wear full protective clothing and NIOSH-APPROVED self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**Accidental Release Measures:** Person not wearing protective equipment should be excluded from spill area until clean up has been completed. Wear appropriate personal protective equipment as specified herein. Recover spilled liquid if possible. Neutralize with alkaline material (soda ash, dry sand, earth), and place in chemical waste container. Do not use combustible materials such as saw dust.

<b>Section 4. PERSONAL PROTECTION &amp; EXPOSURE CONTROL</b>
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**Personal Protection:** Wear rubber gloves and protective eye goggles when using this product.

**Exposure Control:** This product is essentially odorless and non-fuming. Use outdoors only. Follow directions on product label.

<b>Section 5. PHYSICAL &amp; CHEMICAL PROPERTIES</b>
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**Appearance:** Yellow, clear liquid. Non-toxic. Color added for sales appeal.

**Odor:** Essentially odorless.

**Solubility:** Miscible in all proportions in water.

**PH:** 4

**Boiling Point:** 121 degrees

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Explosion Limit:** N/A

**Evaporation Rate:** N/A

**Reactivity:** Hazardous Polymerization: Can not occur.

**Stability:** Stable under ordinary conditions of use and storage.

**Spill/Leak Procedures:** Persons not wearing appropriate protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source. Small spills may be mopped up, flushed away with water or absorbed on an inert material such as sand or earth. Do not use combustible materials such as saw dust. Place in approved waste container and dispose according to local and state regulations.