

# **Material Safety Data Sheet**

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**Data Information as Required by OSHA Regulations**

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**Product:**

**BIO-DEX**

**COMMERCIAL STENGTH**

**HARD SURFACE  
DECK CLEANER**



**BIO-DEX LABORATORIES**

**4212 W. Innovative Dr.**

**Phoenix, Arizona 85086**



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# MATERIAL SAFETY DATA SHEET

## Product: DECK CLEANER

<b>Section 1.</b>	<b>CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Name:**  
BIO-DEX Commercial  
Strength Hard  
Surface DECK CLEANER

**Company Identification:**  
Bio-Dex Laboratories  
4212 W. Innovative Dr.  
Phoenix, Arizona 85086  
Phone: (623) 582-2400  
Fax: (623) 582-2405

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

**General Use:**  
Pool and Patio Hard  
Surface decks.

<b>Section 2.</b>	<b>Ingredients</b>
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**Water**  
Citric Acid                      CAS NO. 77-92-9  
Phosphoric Acid                CAS NO. 7664-38-2  
Biodegradable Surfactants  
Proprietary Formulation

<b>Section 3.</b>	<b>Hazards Identification</b>
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**Summary of Hazards:**

**Inhalation:** Not an expected hazard

**Ingestion:** Do not take internally. Accidental ingestion: Drink plenty of water. Do not induce vomiting. Consult a physician if necessary. May cause sore throat, abdominal pain, and nausea. Can cause death if ingested in large amounts.

**Skin Contact:** Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

**Eye Contact:** Rinse immediately with plenty of water and seek medical advice.

**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 4. 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. Consult a physician if necessary. 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. Consult a physician if necessary.

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## Section 5. FIRE FIGHTING MEASURES

**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.

## Section 6. Accidental Release Measures

**Over Saturate area by hosing with large quantities of water. Product will not cause harm to surrounding plants or grass.**

## Section 7. Handling and Storage

**Storage Requirements:** Normal handling and storage.

**Do not swallow.**

**Prevent eye and skin contact.**

## Section 8. Exposure Controls/Personal Protection

Minimize exposure in accordance with good hygiene practice.

<b>Section 9.</b>	<b>Physical and Chemical Properties</b>
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**Appearance & Odor:** Green color, slight odor.

Boiling Point: Flash Greater 120 deg.

**Vapor Pressure:** No Data

**Vapor Density:** No Data

**Solubility in Water:** No Data

**Ph:** 5.7-6.5

**Cloud Point:** No Data

**Viscosity:** No Data

**Partition Coefficient:** No Data

**Freezing Point:** No Data

<b>Section 10.</b>	<b>Stability and Reactivity</b>
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**Stability:** Stable under normal conditions.

**Incompatibility:** Strong Oxidizers

**Conditions to Avoid:** None Known

**Hazardous Decomposition Products:**

Combustions products: None

**Hazardous Polymerization:** Will not occur

<b>Section 11.</b>	<b>Toxicological Information</b>
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**No Data Available on this Material**

**Carcinogenicity:** This material is not listed as a carcinogen by OSHA, IARC, AND NTP.

**Productive toxicity:** No available information

**Mutagenicity:** No available information

**Toxicologically Synergistic Products:** None known

<b>Section 12.</b>	<b>Ecological Information</b>
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No information available.

<b>Section 13.</b>	<b>Disposal Considerations</b>
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**Disposal Method:** Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

**Container Disposal:** Rinse container with clean water and dispose in the trash. Do not reuse container.

<b>Section 14. Transportation Information</b>
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**Department of Transportation:** Not Regulated  
**TDG (Transportation of Dangerous Goods):** Not Regulated

<b>Section 15. Regulatory Information</b>
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This product is generally regarded as safe. To the best of our knowledge, this product Does not contain any contaminants or byproducts known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

<b>Section 16. Other Information</b>
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HMIS\* Rating Health = 1, Fire = 0, Reactivity =0  
0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

\*Hazardous Materials Identification System of the National Paint and Coating Association.

**Notice**

**Address Contact Information:**

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.

The information contained herein is, to the best of our knowledge and belief, accurate. However, because the conditions of handling and use are beyond our control, we make not guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.

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