

# Material Safety Data Sheet

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Data Information as Required by OSHA Regulations

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**Product:**

**BIO-DEX**

**KNOCK OUT  
WATER TREATMENT**



**BIO-DEX LABORATORIES**

**BIO-DEX LABORATORIES  
4212 W. INNOVATIVE DR.  
PHOENIX, ARIZONA 85086**



## MATERIAL SAFETY DATA SHEET

### Product: **KNOCK OUT WATER TREATMENT**

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

<b>Product Name:</b> BIO-DEX KNOCK OUT WATER TREATMENT	<b>Company Identification:</b> Bio-Dex Laboratories 4212 W. INNOVATIVE DR. Phoenix, AZ 85086 (623) 582-2400 Fax: (623) 582-2405	<b>Hazard Rating Scale:</b> 0 – Insignificant 1 – Slight 2 – Moderate 3 – High 4 - Extreme
<b>Chemical Name:</b> Sodium Bromide		
<b>Chemical Formula:</b> NaBr		
<b>Chemical Family:</b> Inorganic Bromide Compound		
<b>CAS NO.:</b> 7647-15-6		
	<b>Medical Emergency – 24 Hr:</b> (602) 253-3334 Samaritan Regional Poison Center	<b>Health:</b> 1 <b>Flammability:</b> 0 <b>Reactivity:</b> 0

KNOCK OUT is a trademark of Bio-Dex Laboratories

#### Section 2. SUMMARY OF HAZARDS

Eye Irritant  
May cause skin irritation

#### OSHA HAZARDOUS COMPONENTS:

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>NOTE</u>	<u>EXPOSURE LIMIT</u>
Sodium Bromide	7647-15-6	ND	Not established by OSHA/ACGIH

Note: Carcinogenicity listing of components at concentrations greater than or equal 0.1% indicated by:  
@=NTP; #IARC; &=OSHA; +=ACGIH; \*=OTHER; ND=Not Designated.



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**Product:**

### **KNOCK OUT WATER TREATMENT**

<b>Section 3. PHYSICAL PROPERTIES</b>
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**Appearance/Odor:** White crystalline or granular solid/odorless

**Boiling Point:** 2534F

**Vapor Pressure:** Not Applicable

**Solubility in Water:** Soluble

**Specific Gravity:** 3.2

**Melting Point:** 1410F

<b>Section 4. FIRE AND EXPLOSION HAZARDS</b>
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**Flash Point (Method):** Not Applicable

**Flammable Limits:** Not Applicable

**Extinguishing Media:** Non-combustible material. Use extinguishing method appropriate for surrounding fire.

**Special Fire Fighting Procedures:** Avoid breathing fumes.

**Hazardous Thermal Decomposition Products:** Includes bromide.

**Unusual Fire and Explosion Hazards:** None Known

#### **REACTIVITY DATA:**

**Stability:** Stable

**Conditions to Avoid:** Product is hygroscopic – avoid contact with water and moist air.

**Materials to Avoid:** Strong acids, bases, oxidizing agents alkaloidal and heavy metal salts.

**Hazardous Polymerization:** Will not occur



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### Product: **KNOCK OUT WATER TREATMENT**

<b>Section 5. HEALTH HAZARDS</b>
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**Inhalation:** Not expected to be primary route of exposure.

**Eye Contact:** Expected to be an eye irritant.

**Skin Contact:** Prolonged or repeated exposure may cause skin irritation.

**Ingestion:** Not expected to be acutely toxic.

**Chronic Effects of Overexposure:** None known.

#### **EMERGENCY FIRST AID PROCEDURES**

**Inhalation:** If inhaled, remove to fresh air.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Protective Gloves:** Resistant to chemical penetration.

**Respiratory Protection:** None under normal conditions.

**Local Exhaust Ventilation:** Not required.

**Mechanical Ventilation:** Recommended.

**Other:** If repeated or prolonged skin contact or contamination of clothing is likely, protective clothing should be worn.

<b>Section 6. ENVIRONMENTAL PROTECTION</b>
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**Spills or Leaks:** Sweep or shovel spills into appropriate container for disposal.

**Disposal Methods:** To the best of Bio-Dex's knowledge, this product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedures.

**Storage Requirements:** Store in a well-ventilated cool, dry area. Close container when not in use.

#### **ADDITIONAL PRECAUTIONS OR COMMENTS:**

##### **Regulatory Information:**

**TSCA:** This material is in compliance with the Toxic Substance Control Act (15 USC 2601-2629):

DOT Description/Proper Shipping Name: **Not Regulated for transportation.**



## **MATERIAL SAFETY DATA SHEET**

### **Product: KNOCK OUT WATER TREATMENT**

#### **Section 6. ENVIRONMENTAL PROTECTION (CONT)**

##### **Hazard Categories for SARA 311/312 Reporting Are Indicated Below:**

HEALTH:	Immediate (Acute)	Yes
HEALTH:	Delayed (Chronic)	No
PHYSICAL	Fire	No
PHYSICAL	Sudden Release of Pressure	No
PHYSICAL	Reactive/Nuisance Mist/Dust Only	No

##### **Following are WHMIS Classifications for this Product:**

Class D, Division 2B

WHMIS ASSESSMENT DATE: 11/18/98

<b>COMPONENT NAME</b>	<b>CAS NO.</b>	<b>PERCENTAGE</b>	<b>REGUALTION</b>
Sodium Bromide	7647-15-6	98.0	WHMIS – CN2 WHMIS-HC1

##### **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 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 no 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.