



Safety Data Sheet

1. COMPANY IDENTIFICATION

Biorex Labs LLC

194 Wallings Road,
Cleveland, Ohio 44147-USA

Revision date: 11/15/2015

Product name: K-Chek Tablets (for Laboratory use only)

Product number: B1555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Name: Sodium Borate (Borax) CAS #1330-43-4; 32 % by Weight

Toxicological Data on Ingredients: Not applicable. Other ingredients: Generally regarded as safe

3. HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

4. FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used..

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Serious Ingestion: Not available.

6. ACCIDENTAL RELEASE MEASURES

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Wash the area with water.

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. HANDLING AND STORAGE

Store between 15-30 °C, Protect from light and humidity

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Not applicable

Personal Protective Equipment

Respiratory protection: Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow the OSHA regulation, 29CFR1910.134. Always use a NIOSH approved respirator when necessary

Exposure limits: TWA: 1 (mg/m³) from ACGIH (TLV) [United States] [1998] TWA: 1 (mg/m³) [United Kingdom (UK)] TWA: 1 (mg/m³) from NIOSH [United States] TWA: 1 (mg/m³) [Mexico TWA: 1 (mg/m³) [Canada]]Consult local authorities for acceptable exposure limits. Section 9: Physical

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Solid. Odor: Odorless. Taste: Not available. Molecular Weight: 201.22 g/mole Color: White. pH (1% soln/water): Not available. Boiling Point: Not available. Melting Point: 741°C (1365.8°F) Critical Temperature: Not available. Specific Gravity: 2.367 (Water = 1) Vapor Pressure: Not applicable. Vapor Density: Not available. Volatility: Not available. Odor Threshold: Not available. Water/Oil Dist. Coeff.: Not available. Ionicity (in

Water): Not available. Dispersion Properties: See solubility in water. Solubility: Partially soluble in cold water, hot

water. Solubility in water: 1.06 g/100 ml water @ 0 deg. C Solubility in water: 8.79 g/100 ml water at 40 deg. C Solubility in water: 2.56 g/100 ml water @ 20 deg. C. Insoluble in alcohol

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions

Polymerization: Will not occur

Hazardous decomposition products: Traces of nitrous compounds

Materials to avoid: Strong acids and strong bases

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion. Toxicity to Animals: Acute oral toxicity (LD50): 2400 mg/kg [Rat]. Acute dermal toxicity (LD50): >2000 mg/kg [Rabbit]. Chronic Effects on Humans: Not available. Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. Special Remarks on Toxicity to Animals: Not available. Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects. Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: Dust causes skin irritation. Poorly absorbed through intact skin. Eyes: Dust causes eye irritation. Inhalation: Causes respiratory tract irritation. Ingestion: Acute toxic effects of borates in general are nausea, vomiting, diarrhea, and delayed skin redness, rash, and dizziness. Chronic Potential Health Effects: Chronic exposures can produce eye irritation, coughing, and skin rash (the latter following ingestion)

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available. BOD5 and COD: Not available. Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic. Special Remarks on the Products of Biodegradation: Not available.

Bioaccumulation: Not determined

Product name: K-Chek

Protect from contamination. Wear personal protective equipment

Product number: B1555

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority

14. TRANSPORT INFORMATION

Is product hazardous to ship? No

15. REGULATORY INFORMATION

Federal and State Regulations: Pennsylvania RTK: Sodium Borate (Borax, fused) Minnesota: Sodium Borate (Borax, fused) TSCA 8(b) inventory: Sodium Borate (Borax, fused) Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. Other Classifications: WHMIS (Canada): Not controlled under WHMIS (Canada). DSDL (EEC): This product is not classified according to the EU regulations. Not applicable. HMIS (U.S.A.): Health Hazard: 1 Fire Hazard: 0 Reactivity: 0 Personal Protection: E National Fire Protection Association (U.S.A.): Health: 1 Flammability: 0 Reactivity: 0 Specific hazard: Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Health	1	
Flammability	0	0=Minimal
Physical Hazard	0	1=Slight
Personal Protective	B	B = Safety Glasses, Gloves

16. Other Information

References: Not available. Other Special Considerations: Not available. Created: 11/15/2015 05:00 PM Last Updated: 11/15/2015 05:00 PM .The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Biorex Labs LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Biorex Labs has been advised of the possibility of such damages.

End of Safety Data Sheet