

1. Product and Company Identification

Product Identifier

Product Name: ISE Diluent
Product Code: HT-820638D
Recommended Use: To dilute samples for Na+, K+, and Cl- measurements.

Company

Diamond Diagnostics Inc.
 333 Fiske Street
 Holliston, MA 01746

Company Phone Number 508-429-0450
Email support@diamonddiagnostics.com

Emergency Telephone No: 508-429-0450

2. Hazards Identification

GHS- Classification

Classification Irritant, Health Hazard



Hazard Statements

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P281 Use personal protective equipment as required.
 P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P308 + P313 IF exposed or concerned: Get medical advice/attention.
 P321 Specific treatment (see ... on this label).
 P330 Rinse mouth.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 Take off contaminated clothing and wash before reuse.
 P405 Store locked up.
 P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/Information on ingredients

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
5-Bromo-5-nitro-1,3-dioxane	250-001-7	Not available	30007-47-7	< 0.03%	Acute Tox. 4; Skin Irrit. 2; H302, H315
Boric Acid	233-139-2	01-2119486683-25-XXXX	10043-35-3	< 1.0%	Repr. 2; H361

4. First Aid Measures

Eye Contact Flush affected area with copious amounts of water.

Skin Contact Flush affected area with copious amounts of water.

Inhalation Remove from exposure and move to fresh air promptly. If not breathing, give artificial respiration and seek medical aid.

Ingestion Rinse mouth with water, drink large quantities of water and seek medical aid.

Notes to Physician Treat symptomatically

5. Fire-Fighting Measures

Flammable Properties No information available

Flash Point No information available

Suitable Extinguishing Media Suitable for surrounding fire

Hazardous Combustion Products No information available

Protective Equipment and Precautions for Firefighters Self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

Personnel Precautions Use personnel protective equipment. Use good laboratory procedures. Avoid inhaling ingesting and contact with skin and eyes.

Methods for Containment & Cleaning Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water. Dispose of in accordance with applicable federal, state, and local law and regulations

Environmental Precautions Do not let product enter drains.

7. Handling and Storage

Handling Use good laboratory procedures. Avoid inhaling ingesting and contact with skin and eyes.

Storage Store as recommended on product label.

Specific use See Section 1 – Recommended Use

8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
5-Bromo-5-nitro-1,3-dioxane 30007-47-7	Not listed	Not listed	Not listed
Boric Acid 10043-35-3	TWA; 2.00000 mg/m ³ STEL; 6.000000mg/m ³	Not listed	Not listed

Engineering Measures Showers
Eye Wash Stations
Ventilation Systems

Personnel Protective Equipment

Eye/Face Protection Safety goggles with side-shields

Skin Protection Wear protective gloves/clothing

Respiratory Protection If exposure limits are exceeded or irritation is experienced; NISOH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required high airborne containment concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Complete suit protecting against chemicals, Flame resistant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Environment Exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Appearance	Clear Liquid
Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point	No information available
Freezing Point	0°C
Initial Boiling Point	Approx. 100 °C
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Upper/Lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water Solubility	No information available
Partition coefficient: (n-octanol/water)	No information available
Auto-ignition temperature	No information available
Decomposition Temperature °C	No information available
Viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

10. Stability and Reactivity

Reactivity	No information available
Chemical Stability	Stable
Incompatible Materials	No information available
Hazardous Decomposition Products	No information available
Hazardous Polymerization:	Will not occur
Conditions to avoid:	Avoid exposure to heat and light
Suggested Storage:	Store as recommended on product label.

11. Toxicological Information

Acute Toxicity	No information available
Chronic Toxicity	Irritation of affected area.
Target Organ Effects	No information available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

12. Ecological Information

Ecotoxicity Toxic to fish, daphnia and other aquatic invertebrates.

13. Disposal Considerations

Waste Disposal Method In accordance with applicable federal, state, and local laws and regulations.

Contaminated Packaging In accordance with applicable federal, state, and local laws and regulations.

14. Transport Information

IATA Not regulated

DOR Not regulated

15. Regulatory Information

SARA 302 Components No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.

SARA 313 Components The following components are subject to reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards Acute Health Hazard

Massachusetts right to know components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania right to know components

	CAS-No.	Revision Date:
5-Bromo-5-nitro-1,3-Dioxane	30007-47-7	
Boric Acid	10043-35-3	2009-07-17

New Jersey right to know components

	CAS-No.	Revision Date:
5-Bromo-5-nitro-1,3-Dioxane	30007-47-7	
Boric Acid	10043-35-3	2009-07-17

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Issuing Date 31-December-2008

Revision Date 30-November-2015

Revision Note No information available

Recommended Restrictions No Restrictions

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.