

## 1. Product and Company Identification

### Product Identifier

**Product Name:** Cleaning Solution for Tokyo Boeki  
**Product Code:** TB-20270479D  
**Recommended Use:** To clean the ISE sample port and sample path.

### Company

Diamond Diagnostics Inc.  
 333 Fiske Street  
 Holliston, MA 01746

**Company Phone Number** 508-429-0450  
**Email** [support@diamonddiagnostics.com](mailto:support@diamonddiagnostics.com)

**Emergency Telephone No:** 508-429-0450

## 2. Hazards Identification

### GHS- Classification

#### Classification

Corrosive, Health Hazard, Irritant, Environmentally Damaging



### Hazard Statements

H302	Harmful if swallowed.
H302 + H332	Harmful if swallowed or inhaled.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H410	Very toxic to aquatic life with long-lasting effects.

### Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.
P301 + P312	IF SWALLOWED: Call a POISON CENTER/ doctor/.../if you feel unwell.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN (or hair): Wash with plenty of water.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
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	< 0.2%	Acute Tox. 4; Skin Irrit. 2; H302, H315
Propylene Glycol	200-338-0	Not available	57-55-6	< 0.25%	Not available
ProClin 300	Not available	Not available	55965-84-9	< 0.8%	Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1; Resp. Sens. 1; Aquatic Acute 1; Aquatic Chronic 1; H301 + H311 + H331, H314, H334, H410

### 4. First Aid Measures

<b>Eye Contact</b>	Flush affected area with copious amounts of water.
<b>Skin Contact</b>	Flush affected area with copious amounts of water.
<b>Inhalation</b>	No information available
<b>Ingestion</b>	Rinse mouth with water, drink large quantities of milk or water and seek medical aid.
<b>Notes to Physician</b>	Treat symptomatically

### 5. Fire-Fighting Measures

<b>Flammable Properties</b>	No information available
<b>Flash Point</b>	No information available
<b>Suitable Extinguishing Media</b>	Suitable for surrounding fire
<b>Hazardous Combustion Products</b>	No information available
<b>Protective Equipment and Precautions for Firefighters</b>	Self-contained breathing apparatus and protective clothing
<b>Further Information</b>	No information available

### 6. Accidental Release Measures

<b>Personnel Precautions</b>	Use personnel protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
<b>Methods for Containment &amp; Cleaning</b>	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 laws and regulations.
<b>Environmental Precautions</b>	Do not let product enter drains.

### 7. Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid formation of dust aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.
<b>Storage</b>	Keep container closed in a dry and well-ventilated place.
<b>Specific use</b>	See Section 1 – Recommended Use

### 8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
5-Bromo-5-Nitro-1,3-Dioxane	Not listed	Not listed	Not listed

30007-47-7			
Propylene Glycol 57-55-6	Not listed	Not listed	Not listed
ProClin 300 55965-84-9	Not listed	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 to slight yellowish/brown solution

**Odor**

Slight odor

**Odor Threshold**

No information available

**pH**

Approx. 7

**Melting Point**

No information available

**Freezing Point**

No information available

**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

<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition Products</b>	No information available
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	Avoid exposure to heat and light
<b>Suggested Storage:</b>	Store as recommended on product label

## 11. Toxicological Information

<b>Acute Toxicity</b>	No information available
<b>Chronic Toxicity</b>	Irritation of affected area.
<b>Target Organ Effects</b>	No information available
<b>Carcinogenicity</b>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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 NTP.</p>

## 12. Ecological Information

<b>Ecotoxicity</b>	No information available
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## 13. Disposal Considerations

<b>Waste Disposal Method</b>	In accordance with applicable federal, state, and local laws and regulations.
<b>Contaminated Packaging</b>	In accordance with applicable federal, state, and local laws and regulations.

## 14. Transport Information

<b>IATA</b>	Not regulated
<b>DOR</b>	Not regulated

## 15. Regulatory Information

<b>SARA 302 Components</b>	No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components</b>	The following components are subject to reporting levels established by SARA Title III, Section 313.
<b>SARA 311/312 Hazards</b>	No SARA Hazard

**Massachusetts right to know components**  
No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania right to know components**

5-Bromo-5-Nitro-1,3-Dioxane	CAS-No. 3007-47-7	Revision Date:
Propylene Glycol	57-55-6	
Glycols		
Modified Alkyl Carboxylate		
ProClin 300	55965-84-9	

**New Jersey right to know components**

5-Bromo-5-Nitro-1,3-Dioxane Glycols Modified Alkyl Carboxylate ProClin 300	CAS-No. 3007-47-7  55965-84-9	Revision Date:
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**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

<b>Issuing Date</b>	23-January-2012
<b>Revision Date</b>	30-November-2015
<b>Revision Note</b>	No information available
<b>Recommended Restrictions</b>	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.