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**1. PRODUCT AND COMPANY IDENTIFICATION**

**1.1 Product Identifiers**

Product Name: OxyBlue™ Anaerobic Indicator

Product Number: A-OX-0010

**1.2 Manufacturer Name**

Company: Oxyrase Inc.  
3000 Park ave. West  
Mansfield, OH 44906  
USA

**1.3 Emergency Phone Number**

Emergency Number: 419-589-8800

**1.4 Recommended and Restrictions of Use**

Recommended Used: In-vitro Diagnostics

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**2. HAZARDS IDENTIFICATION**

**2.1 Classification of substance or mixture**

Not a hazardous substance or mixture.

**2.2 GHS Label elements and precautionary statements**

Not a hazardous substance or mixture.

**2.3 Hazards not otherwise classified (HNOC)**

Not a hazardous substance or mixture.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**3.1 Classification of substance or mixture:**

<b>Principle Components:</b>	<b>%</b>	<b>CAS #:</b>
Base mixture	>90	–
<b>Other Components:</b>	<10	
D-Glucose		50-99-7
Sodium Hydroxide		1310-73-2
Methylene Blue		7220-79-3
Oxyrase® Enzyme System		–

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#### **4. FIRST AID MEASURES**

##### **4.1 Description of first aid measures:**

**Eye Contact:** Flush eyes with plenty of water. If irritation develops, seek medical advice.

**Skin Contact:** Not known to cause irritation. If irritation develops, seek medical advice.

**Inhalation:** Remove to fresh air. If breathing becomes difficult, seek medical advice.

**Ingestion:** Rinse out mouth with water. If irritation develops, seek medical advice.

##### **4.2 Most important symptoms / effects, both acute and delayed**

No data available.

##### **4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

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#### **5. FIRE-FIGHTING MEASURES**

##### **5.1 Suitable extinguishing media**

Water spray. Carbon dioxide, dry chemical powder, or foam.

##### **5.2 Special hazards arising from the substance or mixture**

No data available.

##### **5.3 Protective equipment and precautions**

No data available.

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#### **6. ACCIDENTAL RELEASE MEASURES**

##### **6.1 Personal precautions, protective equipment and emergency procedures**

No data available.

##### **6.2 Environmental precautions**

No data available.

##### **6.3 Methods and materials for containment and cleaning up**

Sweep up, and discard into trash receptacle. (If inoculated with microorganisms, autoclave or incinerate prior to disposal, and disinfect contacted areas.)

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with eyes. Do not ingest.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in temperatures between 2°C to 25°C. Do **not** store OxyBlue™ in direct light.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1 Control parameters

No data available.

### 8.2 Appropriate engineering controls

No data available.

### 8.3 Personal protective equipment (PPE)

No protective materials needed / required when using this product.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a)	Appearance:	Blue, pasty liquid contained inside a squeezable plastic ampule.
b)	Odor:	No data available.
c)	Odor threshold:	No data available.
d)	pH:	No data available.
e)	Melting pt. /range:	No data available.
f)	Boiling pt. / range:	No data available.
g)	Flash pt.:	No data available.
h)	Evaporation rate:	No data available.
i)	Flammability (solid,gas):	No data available.
j)	Upper flammability limit:	No data available.
k)	Lower flammability limit:	No data available.
l)	Vapor pressure:	No data available.
m)	Vapor density:	No data available.
n)	Relative density:	No data available.
o)	Water solubility:	No data available.
p)	Partition coefficient:	
	n-octanol / water:	No data available.
q)	Auto-ignition temperature:	No data available.
r)	Decomposition temperature:	No data available.
s)	Viscosity:	No data available.
t)	Explosive properties:	No data available.
u)	Oxidizing properties:	No data available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition of products

No data available.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Inhalation:	No data available.
Eye contact:	No data available.
Skin contact:	No data available.
Ingestion:	No data available.

### 11.2 Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization:	No data available.
Mutagenic effects:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT* - single exposure:	No data available.
STOT* - repeated exposure:	No data available.
Aspiration hazard:	No data available.

(\* - *specific target organ toxicity*)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No data available.

### **12.2 Bioaccumulation**

No data available.

### **12.2 Other adverse effects**

No data available.

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## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste Disposal methods**

This material is not regarded as hazardous waste. If inoculated with microorganisms, autoclave or incinerate prior to disposal. Must be disposed of in full compliance with all federal, state and local environmental regulations.

### **13.2 Contaminated packaging**

Dispose of as unused product.

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## **14. TRANSPORT INFORMATION**

### **14.1 DOT (US)**

Not dangerous goods.

### **14.2 TDG (CAN)**

Not dangerous goods.

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## **15. REGULATORY INFORMATION**

### **15.1 SARA 311 / 312 Hazards**

No SARA Hazards.

### **15.2 California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **15.3 New Jersey Right To Know Components**

No components are subject to New Jersey Right To Know Act.

#### **15.4 Massachusetts Right To Know Components**

No components are subject to Massachusetts Right To Know Act.

#### **15.5 Pennsylvania Right To Know Components**

No components are subject to Pennsylvania Right To Know Act.

#### **15.6 Illinois Right To Know Components**

No components are subject to Illinois Right To Know Act.

#### **15.7 Rhode Island Right To Know Components**

No components are subject to Rhode Island Right To Know Act.

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### **16. OTHER INFORMATION**

#### **16.1 HMIS Rating**

Health Hazard:	0
Chronic Health Hazard:	
Flammability:	0
Physical Hazard:	0

#### **16.2 NFPA Rating**

Health Hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

#### **16.3 Further Information**

Exposure to direct light may effect the methylene blue concentration, minimizing the ability to visually confirm anaerobiosis.

This information is intended to be used only as a guide and does not purport to be complete. Oxyrase Inc. shall not be held liable for the completeness or accuracy of this information or for any damage resulting from contact or use of the above product. All chemicals may present unknown health hazards and should be used with caution.

#### **16.4 Preparation Information**

Oxyrase Inc.  
419-589-8800

Version.004

Revision Date: 2/24/2015

Effective Date: March 25, 2015