

### 1.1 Product Identification

Product Name: CR01 Picric Acid  
Product Number: CR01  
Brand: Oxford Biomedical Research

### 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

### 1.3 Relevant Uses

Identified uses: Research Assay

### 1.4 Emergency Contact Number

Contact: 248-852-8815

## 2.1 Classification of the substance or mixture

Skin Sensitization category 1

## 2.2 GHS Label or Precautionary Statements

H317	May cause an allergic skin reaction.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray
P272	Contaminated work clothing must not be allowed out of the workplace
P280	Wear protective gloves
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/ container to an approved waste disposal plant

## 2.3 Hazards not otherwise classified

Explosive when dry

## 3.1 Substances: Picric Acid (20mL)

Picric Acid Expl. 1.1; Acute Tox. 3; H201, H301, H331, H311

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

##### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

##### **In case of skin contact**

Wash off with soap and plenty of water. Consult a physician

##### **In case of eye contact**

Flush eyes with water as a precaution.

##### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

#### **4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

#### **4.3 Recommendations for immediate medical care or special treatment**

No Data available

#### **5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 Special hazards**

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>)

### **SECTION 6: Accidental Release Measures**

#### **6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized.

#### **6.2 Environmental precautions**

Don't let product enter drains

#### **6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container.

### **SECTION 7: Handling and Storage**

#### **7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product. Avoid inhaling vapour or mist

#### **7.2 Conditions for safe storage,**

Keep container tightly closed. Recommended storage

including any incompatibilities      temperature is 4°C.

## SECTION 8: Exposure Controls/Personal Protection

<b>8.1</b>	<b>OSHA Permissible Exposure Limits</b> 0.1mg/m <sup>3</sup> 0.1mg/m <sup>3</sup> 0.1mg/m <sup>3</sup> 0.3mg/m <sup>3</sup> 0.1mg/m <sup>3</sup>	<b>Picric Acid</b>  eye irritation, Dermatitis, Skin sensitization Skin designation An OSHA Class A Explosive (1910.109). Potential for dermal absorption An OSHA Class A Explosive (1910.109). Potential for dermal absorption skin
<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
<b>8.3</b>	<b>Personal Protective Equipment</b>	
	<b>Eye/face protection</b>	Use eye protection approved by NIOSH or EN166.
	<b>Skin protection</b>	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	<b>Body protection</b>	Wear a lab coat in accordance to standard Good Laboratory Practices.
	<b>Respiratory protection</b>	Respiratory protection is not required.
	<b>Control of environmental exposure</b>	Don't let product enter drains

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Yellow Liquid
<b>Odor</b>	No data available
<b>Flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available

<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	1.005 g/cm <sup>3</sup>
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Solubility</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	Product is not self-igniting
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## **SECTION 10: Stability and Reactivity**

<b>10.1</b>	<b>Reactivity</b>	No data available
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No data available

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	No data available
	<b>Skin irritation</b>	No data available
	<b>Serious eye damage or irritation</b>	No data available
	<b>Respiratory or skin sensitization</b>	No data available
	<b>Germ cell mutagenicity</b>	No data available
	<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

**Reproductive toxicity** No data available

**Specific target organ toxicity** No data available

**Aspiration hazard** No data available

## **SECTION 12: Ecological Information**

**12.1 Toxicity** This product is not classified as hazardous to the environment.

**12.2 Persistence and degradability** No data available

**12.3 Bioaccumulation potential** No data available

**12.4 Mobility in Soil** No data available

**12.5 Other adverse effects** No data available

## **SECTION 13: Disposal Considerations**

**13.1 Waste treatment methods** Dispose of product with a licensed disposal company.

## **SECTION 14: Transport Information**

**14.1 US DOT** Not dangerous goods

**14.2 IMDG** Not dangerous goods

**14.3 IATA** Not dangerous goods

## **SECTION 15: Regulatory Information**

No known regulatory requirements.

## **SECTION 16: Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 3-23-21

### 1.1 Product Identification

Product Name: CR01 Alkali Solution  
Product Number: CR01  
Brand: Oxford Biomedical Research

### 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

### 1.3 Relevant Uses

Identified uses: Research Assay

### 1.4 Emergency Contact Number

Contact: 248-852-8815

### 2.1 Classification of the substance or mixture

Corrosive to metals (Category 1), H290  
Skin corrosion (Category 1B), H314  
Serious eye damage (Category 1), H318

### 2.2 GHS Label or Precautionary Statements

May be corrosive to metals, may cause severe skin burns and eye damage, may damage fertility or unborn child

### 2.3 Hazards not otherwise classified

none

### 3.1 Substances: Alkali solution (4mL)

Sodium metaborate tetrahydrate Eye irrit. 2A; Repr.2; H319, H361

Sodium Hydroxide Met. Corr. 1; Skin Corr. 1A; Eye Irrit. 2A; Aquatic Acute 3; H290, H314, H319, H402

### 4.1 Description of first aid measures If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician

**In case of eye contact**

Flush eyes with water as a precaution. Consult a physician

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

**4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

**4.3 Recommendations for immediate medical care or special treatment**

No data available

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Borane/boron oxides, Sodium oxides

**SECTION 6: Accidental Release Measures**

**6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized.

**6.2 Environmental precautions**

Don't let it enter drains

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container.

**SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

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

Keep in a bottle tightly closed. Recommended storage temperature is 4°C.

## **SECTION 8: Exposure Controls/Personal Protection**

<b>8.1</b>	<b>OSHA Permissible Exposure Limits</b>	Contains no substances with occupational exposure limits.
<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
<b>8.3</b>	<b>Personal Protective Equipment</b>	
	<b>Eye/face protection</b>	Use eye protection approved by NIOSH or EN166.
	<b>Skin protection</b>	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	<b>Body protection</b>	Wear a lab coat in accordance to standard Good Laboratory Practices.
	<b>Respiratory protection</b>	Respiratory protection is not required.
	<b>Control of environmental exposure</b>	Don't let product enter drains

## **SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	No data available
<b>Flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	No data available

<b>Solubility</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## **SECTION 10: Stability and Reactivity**

<b>10.1</b>	<b>Reactivity</b>	No data available
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No data available

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	No data available
	<b>Skin irritation</b>	No data available
	<b>Serious eye damage or irritation</b>	No data available
	<b>Respiratory or skin sensitization</b>	No data available
	<b>Germ cell mutagenicity</b>	No data available
	<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	<b>Reproductive toxicity</b>	Suspected of damaging the unborn child
	<b>Specific target organ toxicity</b>	No data available

**Aspiration hazard** No data available

## **SECTION 12: Ecological Information**

**12.1 Toxicity** No data available

**12.2 Persistence and degradability** No data available

**12.3 Bioaccumulation potential** No data available

**12.4 Mobility in Soil** No data available

**12.5 Other adverse effects** Discharge into the environment must be avoided

## **SECTION 13: Disposal Considerations**

**13.1 Waste treatment methods** Dispose of product with a licensed disposal company.

## **SECTION 14: Transport Information**

**14.1 US DOT** Not dangerous goods

**14.2 IMDG** Not dangerous goods

**14.3 IATA** Not dangerous goods

## **SECTION 15: Regulatory Information**

No known regulatory requirements.

## **SECTION 16: Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 3-30-21

### 1.1 Product Identification

Product Name: CR01 Acid Reagent  
Product Number: CR01  
Brand: Oxford Biomedical Research

### 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

### 1.3 Relevant Uses

Identified uses: Research Assay

### 1.4 Emergency Contact Number

Contact: 248-852-8815

### 2.1 Classification of the substance or mixture

Flammable liquids (Category 3), H226  
Skin corrosion (Category 1A), H314  
Serious eye damage (Category 1), H318

### 2.2 GHS Label or Precautionary Statements

H226 Flammable liquid and vapor, H314 Causes severe skin burns and eye damage, keep away from heat, sparks, or open flames, use explosion proof equipment, use non sparking materials

### 2.3 Hazards not otherwise classified

None

### 3.1 Substances: Acid Reagent (2mL)

Glacial Acetic Acid  
Flam. Liq. 3; Skin Corr. 1A; Eye Dam. 1; H226, H314, H318  
Concentration limits:  
10 - < 25 %: Eye Irrit. 2, H319; 10 - < 25 %: Skin Irrit. 2, H315; 25 - < 90 %: Skin Corr. 1B, H314; >= 90 %: Skin Corr. 1A, H314; >= 90 %: 3, H226

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

##### **If inhaled**

If breathed in, move person into fresh air. Call in a physician

##### **In case of skin contact**

Take off immediately all contaminated clothing/ Wash off with plenty of water. Call a physician immediately

##### **In case of eye contact**

Flush eyes with water immediately. Call in an ophthalmologist. Remove contact lenses

##### **If swallowed**

Make victim drink water (two glasses at most). Avoid vomiting. Call a physician immediately. Don't attempt to neutralize

#### **4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

#### **4.3 Recommendations for immediate medical care or special treatment**

No data available

#### **5.1 Extinguishing media**

Use water foam, dry powder, or carbon dioxide

#### **5.2 Special hazards**

Carbon oxides, Combustible, Fire may cause evolution of: Acetic acid vapours. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air at elevated temperatures. Development of hazardous combustion gases or vapours possible in the event of fire.

### **SECTION 6: Accidental Release Measures**

#### **6.1 Personal precautions and personal protective equipment**

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert

#### **6.2 Environmental precautions**

Don't let product enter drains. Risk of explosion

#### **6.3 Methods for containment and clean up**

Wipe with absorbent and neutralizing material and dispose of in suitable container. Cover drains, pump off spills

### **SECTION 7: Handling and Storage**

- |            |   |  |
|------------|---|--|
| <b>7.1</b> | <b>Precautions for safe handling</b>                                | Keep away from open flames, hot surfaces and sources of ignition, Take precautionary measures against static discharge |
| <b>7.2</b> | <b>Conditions for safe storage, including any incompatibilities</b> | Keep in a vial tightly closed. Recommended storage temperature is 4°C.   |

## **SECTION 8: Exposure Controls/Personal Protection**

- |            |  |   |
|------------|--|---|
| <b>8.1</b> | <b>OSHA Permissible Exposure Limits</b>  |   |
|            | Acetic Acid                              | 10ppm   |
| <b>8.2</b> | <b>Exposure controls</b>                 | Follow standard Good Laboratory Practices while using this product.   |
| <b>8.3</b> | <b>Personal Protective Equipment</b>     |   |
|            | <b>Eye/face protection</b>               | Use eye protection approved by NIOSH or EN166.  |
|            | <b>Skin protection</b>                   | Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use. |
|            | <b>Body protection</b>                   | Wear a lab coat in accordance to standard Good Laboratory Practices.  |
|            | <b>Respiratory protection</b>            | Respiratory protection only required when vapors are present  |
|            | <b>Control of environmental exposure</b> | Don't let product enter drains. Risk of explosion   |

## **SECTION 9: Physical and Chemical Properties**

- |                       |                   |
|-----------------------|-------------------|
| <b>Appearance</b>     | Clear Liquid      |
| <b>Odor</b>           | Stinging          |
| <b>Flammability</b>   | No data available |
| <b>Vapor Pressure</b> | 20.79hPa          |
| <b>Odor Threshold</b> | 0.2ppm            |
| <b>Vapor Density</b>  | 2.07              |

<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Solubility</b>	No data available
<b>Boiling Point</b>	117.9°C
<b>Flash Point</b>	39°C
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## **SECTION 10: Stability and Reactivity**

<b>10.1</b>	<b>Reactivity</b>	Vapor air/mixture explosive at intense warming
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No data available

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	No data available
	<b>Skin irritation</b>	May cause burns
	<b>Serious eye damage or irritation</b>	May cause serious eye damage
	<b>Respiratory or skin sensitization</b>	No data available
	<b>Germ cell mutagenicity</b>	No data available
	<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b>	No data available
<b>Aspiration hazard</b>	No data available

## **SECTION 12: Ecological Information**

<b>12.1 Toxicity</b>	Toxic to fish, algae, bacteria, daphnia and other aquatic invertebrates
<b>12.2 Persistence and degradability</b>	99% readily biodegradable
<b>12.3 Bioaccumulation potential</b>	No data available
<b>12.4 Mobility in Soil</b>	No data available
<b>12.5 Other adverse effects</b>	Harmful effect due to pH shift. Caustic even in diluted form. Discharge into the environment must be avoided.

## **SECTION 13: Disposal Considerations**

<b>13.1 Waste treatment methods</b>	Dispose of product with a licensed disposal company.
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## **SECTION 14: Transport Information**

<b>14.1 US DOT</b>	Not dangerous goods
<b>14.2 IMDG</b>	Not dangerous goods
<b>14.3 IATA</b>	Not dangerous goods

## **SECTION 15: Regulatory Information**

No known regulatory requirements.

## **SECTION 16: Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 3-30-21

## 1.1 Product Identification

Product Name: CR01 Creatinine Standard 1 (10mg/dL)  
Product Number: CR01  
Brand: Oxford Biomedical Research

## 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

## 1.3 Relevant Uses

Identified uses: Research Assay

## 1.4 Emergency Contact Number

Contact: 248-852-8815

## 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

## 2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture

## 2.3 Hazards not otherwise classified

None

## 3.1 Substances: Standard 1 (110µL)

No components need to be disclosed according to the applicable regulations

## 4.1 Description of first aid measures

### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

### In case of skin contact

Wash off with plenty of soap and water

### In case of eye contact

Flush eyes with water as a precaution

### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

**4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

**4.3 Recommendations for immediate medical care or special treatment**

No data available

**5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards**

Carbon oxides, nitrogen oxides

## **SECTION 6: Accidental Release Measures**

**6.1 Personal precautions and personal protective equipment**

Follow standard Good Laboratory Practices while using this product. Avoid breathing vapors

**6.2 Environmental precautions**

No special environmental precautions needed

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container.

## **SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product. Avoid inhaling vapour or mist

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

Keep in a vial tightly closed. Recommended storage temperature is 4°C.

## **SECTION 8: Exposure Controls/Personal Protection**

**8.1 OSHA Permissible Exposure Limits**

Contains no materials with occupational exposure limits

<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
<b>8.3</b>	<b>Personal Protective Equipment</b>	
	<b>Eye/face protection</b>	Use eye protection approved by NIOSH or EN166.
	<b>Skin protection</b>	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	<b>Body protection</b>	Wear a lab coat in accordance to standard Good Laboratory Practices.
	<b>Respiratory protection</b>	Respiratory protection not required
	<b>Control of environmental exposure</b>	No environmental precautions required

## **SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Odor</b>	No data available
<b>Flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Solubility</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available

**Viscosity** No data available

## **SECTION 10: Stability and Reactivity**

- 10.1 Reactivity** No data available
- 10.2 Chemical Stability** Stable under recommended storage conditions
- 10.3 Possibility of hazardous reactions** No data available

## **SECTION 11: Toxicological Information**

- 11.1 Toxicity**
- Acute toxicity** No data available
- Skin irritation** No skin irritation
- Serious eye damage or irritation** No eye irritation
- Respiratory or skin sensitization** No respiratory irritation
- Germ cell mutagenicity** None
- Carcinogenicity** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
- Reproductive toxicity** No data available
- Specific target organ toxicity** No data available
- Aspiration hazard** No data available

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	96.1% readily biodegradable
<b>12.3</b>	<b>Bioaccumulation potential</b>	No data available
<b>12.4</b>	<b>Mobility in Soil</b>	No data available
<b>12.5</b>	<b>Other adverse effects</b>	No data available

### **SECTION 13: Disposal Considerations**

<b>13.1</b>	<b>Waste treatment methods</b>	Dispose of product with a licensed disposal company.
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### **SECTION 14: Transport Information**

<b>14.1</b>	<b>US DOT</b>	Not dangerous goods
<b>14.2</b>	<b>IMDG</b>	Not dangerous goods
<b>14.3</b>	<b>IATA</b>	Not dangerous goods

### **SECTION 15: Regulatory Information**

No known regulatory requirements.

### **SECTION 16: Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 3-30-21

## 1.1 Product Identification

Product Name: CR01 Creatinine Standard 2 (3mg/dL)  
Product Number: CR01  
Brand: Oxford Biomedical Research

## 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

## 1.3 Relevant Uses

Identified uses: Research Assay

## 1.4 Emergency Contact Number

Contact: 248-852-8815

## 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

## 2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture

## 2.3 Hazards not otherwise classified

None

## 3.1 Substances: Standard 2 (110µL)

No components need to be disclosed according to the applicable regulations

## 4.1 Description of first aid measures

### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

### In case of skin contact

Wash off with plenty of soap and water

### In case of eye contact

Flush eyes with water as a precaution

### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

**4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

**4.3 Recommendations for immediate medical care or special treatment**

No data available

**5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards**

Carbon oxides, nitrogen oxides

## **SECTION 6: Accidental Release Measures**

**6.1 Personal precautions and personal protective equipment**

Follow standard Good Laboratory Practices while using this product. Avoid breathing vapors

**6.2 Environmental precautions**

No special environmental precautions needed

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container.

## **SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product. Avoid inhaling vapour or mist

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

Keep in a vial tightly closed. Recommended storage temperature is 4°C.

## **SECTION 8: Exposure Controls/Personal Protection**

**8.1 OSHA Permissible Exposure Limits**

Contains no materials with occupational exposure limits

<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
<b>8.3</b>	<b>Personal Protective Equipment</b>	
	<b>Eye/face protection</b>	Use eye protection approved by NIOSH or EN166.
	<b>Skin protection</b>	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	<b>Body protection</b>	Wear a lab coat in accordance to standard Good Laboratory Practices.
	<b>Respiratory protection</b>	Respiratory protection not required
	<b>Control of environmental exposure</b>	No environmental precautions required

## **SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Odor</b>	No data available
<b>Flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Solubility</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available

**Viscosity** No data available

## **SECTION 10: Stability and Reactivity**

**10.1 Reactivity** No data available

**10.2 Chemical Stability** Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions** No data available

## **SECTION 11: Toxicological Information**

**11.1 Toxicity**  
**Acute toxicity** No data available

**Skin irritation** No skin irritation

**Serious eye damage or irritation** No eye irritation

**Respiratory or skin sensitization** No respiratory irritation

**Germ cell mutagenicity** None

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

**Reproductive toxicity** No data available

**Specific target organ toxicity** No data available

**Aspiration hazard** No data available

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	96.1% readily biodegradable
<b>12.3</b>	<b>Bioaccumulation potential</b>	No data available
<b>12.4</b>	<b>Mobility in Soil</b>	No data available
<b>12.5</b>	<b>Other adverse effects</b>	No data available

### **SECTION 13: Disposal Considerations**

<b>13.1</b>	<b>Waste treatment methods</b>	Dispose of product with a licensed disposal company.
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### **SECTION 14: Transport Information**

<b>14.1</b>	<b>US DOT</b>	Not dangerous goods
<b>14.2</b>	<b>IMDG</b>	Not dangerous goods
<b>14.3</b>	<b>IATA</b>	Not dangerous goods

### **SECTION 15: Regulatory Information**

No known regulatory requirements.

### **SECTION 16: Other Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 3-30-21

## 1.1 Product Identification

Product Name: CR01 Creatinine Standard 3 (1mg/dL)  
Product Number: CR01  
Brand: Oxford Biomedical Research

## 1.2 Supplier

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

## 1.3 Relevant Uses

Identified uses: Research Assay

## 1.4 Emergency Contact Number

Contact: 248-852-8815

## 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

## 2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture

## 2.3 Hazards not otherwise classified

None

## 3.1 Substances: Standard 3 (110µL)

No components need to be disclosed according to the applicable regulations

## 4.1 Description of first aid measures

### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

### In case of skin contact

Wash off with plenty of soap and water

### In case of eye contact

Flush eyes with water as a precaution

### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

**4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

**4.3 Recommendations for immediate medical care or special treatment**

No data available

**5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards**

Carbon oxides, nitrogen oxides

## **SECTION 6: Accidental Release Measures**

**6.1 Personal precautions and personal protective equipment**

Follow standard Good Laboratory Practices while using this product. Avoid breathing vapors

**6.2 Environmental precautions**

No special environmental precautions needed

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container.

## **SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product. Avoid inhaling vapour or mist

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

Keep in a vial tightly closed. Recommended storage temperature is 4°C.

## **SECTION 8: Exposure Controls/Personal Protection**

**8.1 OSHA Permissible Exposure Limits**

Contains no materials with occupational exposure limits

<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
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**Viscosity** No data available

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