

Product Number: EA66  
Product Name: Corticosterone  
ELISA Kit  
Revision: 220207

**1.1 Product Identification**

Product Name: EA66 EIA Buffer  
Product Number: EA66  
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**

No significant hazard

**2.2 GHS Label or Precautionary Statements**

No significant hazard

**2.3 Hazards not otherwise classified**

Contains materials which may damage fertility or the unborn child. Contains substances which are hazardous to the environment

**3.1 Substances: EIA Buffer (30mL)**

Thimerosal  
Acute Tox.2: H300+H330; Acute Tox. 1: H310; STOT RE  
2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410

**4.1 Description of first aid measures  
If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist

**In case of skin contact**

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptom persists

**In case of eye contact**

Flush eyes with water as a precaution. Contact lenses should be removed. Seek medical attention if symptoms persist

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Do not induce vomiting unless told to do so by poison control or a doctor. Seek medical attention if you feel unwell.

**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**

Remove the affected person from the source of contamination. Treat symptomatically

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Contains substances which are hazardous to the environment. Do not allow undiluted product to be released to the ground water, water course, or sewage system. Don't breathe in vapor or mist

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

**6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized. Avoid prolonged or repeated exposure.

**6.2 Environmental precautions**

Prevent further spillage. Clean spillage thoroughly with plenty of water. Do not flush into surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Don't contaminate the water by cleaning of equipment or disposal of waste.

## SECTION 7: Handling and Storage

7.1	<b>Precautions for safe handling</b>	Follow standard Good Laboratory Practices while using this product.
7.2	<b>Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed. Recommended storage temperature is 4°C.

## SECTION 8: Exposure Controls/Personal Protection

8.1	<b>OSHA Permissible Exposure Limits</b>	No occupational exposure limits are known.
8.2	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
8.3	<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>	Do not flush into surface water. Don't let the product contaminate the subsoil.

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	Odorless/slight
<b>Flammability</b>	Not applicable

<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>	Soluble in water
<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>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions known if used as intended.

## SECTION 11: Toxicological Information

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Based on data that is available, the classification criteria are not met. However, the product does contain substances that are classified as hazardous.
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes
	<b>Respiratory or skin sensitization</b>	May cause allergic reaction in susceptible people.
	<b>Germ cell mutagenicity</b>	No mutagenic effects reported.

<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>	Contains materials which may damage fertility or the unborn child.
<b>Specific target organ toxicity</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Aspiration hazard</b>	No significant hazard

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Contains substances which are hazardous to the environment. Specific test data for this mixture is not 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: 2-9-22

## 1.1 Product Identification

Product Name: EA66 10x Wash Buffer  
Product Number: EA66  
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 significant hazard

## 2.2 GHS Label or Precautionary Statements

Not a significant hazard

## 2.3 Hazards not otherwise classified

Contains material which may be harmful if swallowed

## 3.1 Substances: 10x Wash Buffer (20mL)

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 breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek medical attention if symptoms persist.

### In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms persist.

### In case of eye contact

Flush eyes with plenty of water. Contact lenses should be removed immediately. Seek medical

attention if symptoms persist.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Don't induce vomiting unless told to do so by poison control or a doctor.

**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**

Treat symptomatically. Remove the affected person from the source of contamination immediately. Transfer to a hospital if there are symptoms of burns or a poisoning.

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Don't allow undiluted product to be released to ground water, water course, or sewage system.

## **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**

Prevent further spillage if possible. Clean spills with plenty of water. Don't flush into surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Don't contaminate the water by cleaning of equipment or disposal of wastes

## **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 container tightly closed. Recommended storage temperature is 4°C.



## SECTION 8: Exposure Controls/Personal Protection

8.1	<b>OSHA Permissible Exposure Limits</b>	Contains no substances with occupational exposure limits.
8.2	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
8.3	<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>	Do not let the product contaminate the subsoil or surface water.

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Clear, Colorless Liquid
<b>Odor</b>	Odorless/slight
<b>Flammability</b>	Not applicable
<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>	Soluble in water
<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>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions known if used as intended.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Based on available data classification criteria are not met
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes
	<b>Respiratory or skin sensitization</b>	May cause allergic reactions in susceptible people.
	<b>Germ cell mutagenicity</b>	No mutagenic effects
	<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 teratogenic effects
	<b>Specific target organ toxicity</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Aspiration hazard**

No significant hazard

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Keep out of lakes, ponds or streams. Don't let the product contaminate the subsoil

## **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: 2-14-22

## 1.1 Product Identification

Product Name: K-Blue Substrate TMB  
Product Number: EA66  
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

Contains oxidizing substances ta <0.5%

## 3.1 Substances

2-Pyrrolidione Eye Irrit. 2: H319  
Urea Hydrogen Peroxide Ox. Sol. 3: H272; Skin Corr. 1B: H314; Eye Dam. 1: H318

## 4.1 Description of first aid measures

### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist

### In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms persist

### In case of eye contact

Flush eyes with water as a precaution. Contact lenses should be removed. Seek medical attention if symptoms persist.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Don't induce vomiting unless told to do so by poison control or a doctor. Get medical attention if you feel unwell.

**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**

Treat symptomatically

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Don't allow the undiluted product to be released to the ground water, water course, or sewage system. Contains oxidizing substances at <0.5%.

**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**

Prevent further spillage if it's safe. Clean spillage area thoroughly with plenty of water. Don't flush into the surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Don't contaminate water by cleaning of equipment or disposal of wastes.

**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 container tightly closed. Recommended storage temperature is 4°C. Avoid direct exposure to sunlight

## SECTION 8: Exposure Controls/Personal Protection

8.1	<b>OSHA Permissible Exposure Limits</b>	Contains no substances with occupational exposure limits.
8.2	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
8.3	<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 contaminate the subsoil with undiluted product

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Clear, to faint blue solution
<b>Odor</b>	Characteristic
<b>Flammability</b>	Not applicable
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	3.1-3.5
<b>Relative Density</b>	No data available
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	No data available
<b>Solubility</b>	Soluble in water

<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>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions known if used as intended.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Based on the available data the classification criteria are not met. However this product does contain substances that are classified as hazardous.
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes.
	<b>Respiratory or skin sensitization</b>	May cause allergic reactions in susceptible people.
	<b>Germ cell mutagenicity</b>	No mutagenic affects
	<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 teratogenic effects reported

<b>Specific target organ toxicity</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
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<b>Aspiration hazard</b>	No significant hazard
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## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Specific test data for this product is not 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: 2-17-22



### 1.1 **Product Identification**

Product Name: EA66 5x Extraction Buffer  
Product Number: EA66  
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**

Contains materials which may be harmful if swallowed

### 3.1 **Substances:** 5x extraction buffer (30mL)

No components need to be disclosed

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

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist

**In case of skin contact**

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms persist

**In case of eye contact**

Flush eyes with plenty of water. Contact lenses should be removed. Seek medical attention if symptoms persist.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Don't induce vomiting unless told to do so by poison control or a doctor. Seek medical attention if you feel unwell.

**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**

Treat symptomatically

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Don't allow the undiluted product to be released to the ground water, water course or sewage system.

**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**

Prevent any further spillage if safe. Clean thoroughly with plenty of water. Don't flush into the surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Don't contaminate the water by cleaning of equipment or disposal of wastes.

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed. Recommended storage temperature is 4°C.
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## **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 the undiluted product contaminate the surface water

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

<b>Appearance</b>	Colorless/ light yellow liquid
<b>Odor</b>	Odorless/slight
<b>Flammability</b>	Not applicable
<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>	Soluble in water
<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>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions known if used as intended.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Based on available data, classification criteria are not met
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes
	<b>Respiratory or skin sensitization</b>	May cause allergic reactions in susceptible people
	<b>Germ cell mutagenicity</b>	No mutagenic effects reported
	<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 teratogenic effects reported
	<b>Specific target organ toxicity</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Aspiration hazard**

No significant hazard

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Specific test data is not 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: 2-24-22

**1.1 Product Identification**

Product Name: EA66 Corticosterone Conjugate  
Product Number: EA66  
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**

Contains materials which may be harmful if swallowed

**3.1 Substances:** Corticosterone Conjugate (150µL)

No components need to be disclosed

**4.1 Description of first aid measures**

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist

**In case of skin contact**

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms persist

**In case of eye contact**

Flush eyes with plenty of water. Contact lenses should be removed. Seek medical attention if symptoms persist.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Don't induce vomiting unless told to do so by poison control or a doctor. Seek medical attention if you feel unwell.

**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**

Treat symptomatically

**5.1 Extinguishing media**

Use water spray, dry chemical, or carbon dioxide

**5.2 Special hazards**

Don't allow the undiluted product to be released to the ground water, water course or sewage system.

## **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**

Prevent any further spillage if safe. Clean thoroughly with plenty of water. Don't flush into the surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Don't contaminate the water by cleaning of equipment or disposal of wastes.

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

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed. Recommended storage temperature is 4°C.
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## **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 the undiluted product contaminate the surface water

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

<b>Appearance</b>	Amber liquid
<b>Odor</b>	Odorless/slight
<b>Flammability</b>	Not applicable
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	6.6-7
<b>Relative Density</b>	No data available
<b>Melting Point</b>	No data available



<b>Freezing Point</b>	No data available
<b>Solubility</b>	Soluble in water
<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>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions known if used as intended.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Based on available data, classification criteria are not met
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes
	<b>Respiratory or skin sensitization</b>	May cause allergic reactions in susceptible people
	<b>Germ cell mutagenicity</b>	No mutagenic effects reported
	<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 teratogenic effects reported
	<b>Specific target organ toxicity</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Aspiration hazard**

No significant hazard

## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Specific test data is not 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: 2-24-22

### 1.1 Product Identification

Product Name: EA66 Corticosterone Standard  
Product Number: EA66  
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

Flam. Liq. 2: H225; Acute Tox. 3: H301; Acute Tox. 3: H311+H331; Acute Tox. 3: H331;  
STOT SE 1: H370

### 2.2 GHS Label or Precautionary Statements

Highly flammable liquid and vapor, Toxic if swallowed, Toxic in contact with skin, Toxic in contact with skin or if inhaled, Toxic if inhaled, Causes damage to organs

### 2.3 Hazards not otherwise classified

Contains materials which may damage fertility or the unborn child

### 3.1 Substances: Corticosterone Standard (100µL)

Methanol Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370

### 4.1 Description of first aid measures If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist

**In case of skin contact**

Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if symptoms persist

**In case of eye contact**

Flush eyes with plenty of water. Contact lenses should be removed. Seek medical attention if symptoms persist.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Don't induce vomiting unless told to do so by poison control or a doctor. Seek medical attention if you feel unwell.

**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**

Treat symptomatically

**5.1 Extinguishing media**

Use alcohol resistant foam, dry chemical, or carbon dioxide

**5.2 Special hazards**

In case of fire and/or explosion do not breathe fumes. Vapor may travel a considerable distance and flash back. Heat will increase pressure in sealed containers

**SECTION 6: Accidental Release Measures****6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized. Flammable Liquid

**6.2 Environmental precautions**

Prevent any further spillage if safe. Clean thoroughly with plenty of water. Don't flush into the surface water. Don't let the product contaminate the subsoil.

**6.3 Methods for containment and clean up**

Flammable liquid. Wipe with absorbent material and dispose of in suitable container. Don't contaminate the water by cleaning of equipment or disposal of wastes. Clean with detergents. Avoid solvents

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>	Flammable liquid and vapor. Contact with combustible material may cause fire. Keep container tightly closed. Recommended storage temperature is 4°C.
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## SECTION 8: Exposure Controls/Personal Protection

<b>8.1</b>	<b>OSHA Permissible Exposure Limits</b> Methanol	6-hr limit ppm: 200 6-hr limit mg/m3: 266 15 min limit ppm: 250 15 min limit mg/m3: 333
<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
<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 the undiluted product contaminate the surface water

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Clear/colorless liquid
<b>Odor</b>	Alcoholic/ strong
<b>Flammability</b>	Not applicable
<b>Vapor Pressure</b>	127mmHg
<b>Odor Threshold</b>	100ppm
<b>Vapor Density</b>	1.11
<b>pH</b>	No data available
<b>Relative Density</b>	0.792

<b>Melting Point</b>	-97.6°C
<b>Freezing Point</b>	No data available
<b>Solubility</b>	Miscible in water
<b>Boiling Point</b>	64-65°C
<b>Flash Point</b>	12°C
<b>Evaporation Rate:</b>	6.3g/min
<b>Auto-ignition Temperature</b>	440°C
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	0.54mPas (Cone and Plate)

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

<b>10.1</b>	<b>Reactivity</b>	Stable under normal conditions
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	No hazardous reactions that lead to excessive temperature or pressure are expected if used as intended.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	Toxic by inhalation, in contact with skin, and if swallowed.
	<b>Skin irritation</b>	May cause irritation to skin
	<b>Serious eye damage or irritation</b>	May cause irritation to eyes
	<b>Respiratory or skin sensitization</b>	May cause allergic reactions in susceptible people
	<b>Germ cell mutagenicity</b>	No mutagenic effects reported
	<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>	Based on available data, classification criteria are not met. However this product does contain substances that are classified as hazardous.

<b>Specific target organ toxicity</b>	Exposure may cause damage to organs (CNS, the liver, eyes or optic nerve). May cause allergy or asthma symptoms or breathing difficulties if inhaled.
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<b>Aspiration hazard</b>	No significant hazard
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## **SECTION 12: Ecological Information**

<b>12.1</b>	<b>Toxicity</b>	No data available
<b>12.2</b>	<b>Persistence and degradability</b>	No data available
<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>	Specific test data not 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>	UN1230 Methanol
<b>14.2</b>	<b>IMDG</b>	Transport Hazard Class 3
<b>14.3</b>	<b>IATA</b>	Transport Hazard Class 3

## **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: 4-4-22