

Product Number: EA78
Product Name: Testosterone EIA
kit
Revision: 220112

1.1 Product Identification

Product Name: EA78 EIA Buffer
Product Number: EA78
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

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 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 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. Do not induce vomiting. Get medical advice if feeling 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 Contains substances that are hazardous to the environment. Don't allow undiluted product to be released into 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 Clean spillage area thoroughly with water. Don't flush into surface water or let it contaminate subsoil

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 container tightly closed. Recommended storage temperature is 4°C.
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SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	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.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Exposure above the recommended exposure limits may cause adverse health effects. Keep clothing from being in contact with the product

SECTION 9: Physical and Chemical Properties

Appearance	Clear Liquid
Odor	Odorless/slight
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available

Freezing Point	No data available
Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	On available data, the classification criteria are not met. But, this product does contain substances classified as hazardous.
	Skin irritation	May cause irritation to skin
	Serious eye damage or irritation	May cause irritation to eyes
	Respiratory or skin sensitization	May cause allergic reactions in susceptible people
	Germ cell mutagenicity	No mutagenic effects reported
	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	Contains components that might damage fertility or the unborn child.

Specific target organ toxicity	Might cause allergy or asthma symptoms or breathing difficulties if inhaled
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Aspiration hazard	Not a significant hazard.
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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	Contains substances that are hazardous to the environment. Specific data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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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: 1-12-22

1.1 Product Identification

Product Name: EA78 10x Wash Buffer
Product Number: EA78
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

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 that might be harmful if swallowed.

3.1 Substances: 10x Wash Buffer (20mL)

Doesn't contain any harmful substances

**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. Remove contact lenses. 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 instructed to do so by poison control. 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 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 Clean spillage thoroughly with plenty of water
Don't flush into surface water. Don't let the product contaminate subsoil

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

SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	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.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Exposure above the recommended exposure limit may cause adverse health effects. Protect clothing from coming into contact with product

SECTION 9: Physical and Chemical Properties

Appearance	Clear, Colorless Liquid
Odor	Odorless/slight
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available
Solubility	Soluble in water

Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

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

Aspiration hazard No significant hazard

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	Specific test data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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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: 1-13-22

1.1 Product Identification

Product Name: K-Blue Substrate TMB
Product Number: EA78
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

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 <0.5%

3.1 Substances: TMB (20mL)

2-Pyrrolidinone 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 irritation or symptoms persist

In case of skin contact

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

if irritation or symptoms persist

In case of eye contact

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

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if you continue to 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 undiluted product to enter 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 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.

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
Keep away from common metal ions like Iron. Store only in amber plastic bottles or glass bottles.

Avoid the use of rubber stoppers

SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	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.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance	Clear, to faint blue solution
Odor	Characteristic
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	3.1-3.5
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available

Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	Product is not self-igniting
Decomposition Temperature	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 hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	Based on available data the classification criteria are not met.
	Skin irritation	May cause irritation to skin
	Serious eye damage or irritation	May cause irritation to eyes
	Respiratory or skin sensitization	May cause allergic reactions in susceptible people
	Germ cell mutagenicity	No mutagenic affects
	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 teratogenic effects reported

Specific target organ toxicity	May cause allergy or asthma symptoms or breathing difficulties if inhaled
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Aspiration hazard	No significant hazard
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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	Specific test data is not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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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: 1-14-22

1.1 Product Identification

Product Name: 5x Extraction Buffer
Product Number: EA78
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

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 that may be harmful if swallowed

3.1 Substances: 5x Extraction Buffer (30mL)

Doesn't contain any harmful substances

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 persists

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 must be removed. Seek medical attention if symptoms persist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. 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
Transfer to a hospital if there are symptoms of a burn or poisoning

5.1 Extinguishing media Use water spray, dry chemical, or carbon dioxide

5.2 Special hazards Do not 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 Clean spillage area thoroughly with water. Do not flush into surface water. Don't let the product contaminate 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 waste.

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	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	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.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let product enter the ground water or subsoil

SECTION 9: Physical and Chemical Properties

Appearance	Colorless to faint yellow liquid
Odor	Odorless/slight
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available

Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

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

Aspiration hazard No significant hazard

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	Specific test data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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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: 1-17-22

1.1 Product Identification

Product Name: Testosterone Enzyme Conjugate
Product Number: EA78
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

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 that may be harmful if swallowed

3.1 Substances: Estradiol Enzyme Conjugate (150µL)

Testosterone Solution Flam. Liq. 2: H225; Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Carc. 1B: H350; Repr. 1B: H360

4.1 Description of first aid measures

If inhaled

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

In case of skin contact

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

if irritation or symptoms persist.

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses. Seek medical attention if irritation or symptoms persist

If swallowed

Do not induce vomiting unless poison control instructs to do so. Never give anything by mouth to an unconscious person. Rinse mouth with water. 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

Do not 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

Clean spillage area thoroughly with water. Don't let the product contaminate subsoil

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 container tightly closed. See label instructions for recommended storage

SECTION 8: Exposure Controls/Personal Protection

8.1	OSHA Permissible Exposure Limits	Contains no substances with occupational exposure limits.
8.2	Exposure controls	Follow standard Good Laboratory Practices while using this product.
8.3	Personal Protective Equipment	
	Eye/face protection	Use eye protection approved by NIOSH or EN166.
	Skin protection	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.
	Body protection	Wear a lab coat in accordance to standard Good Laboratory Practices.
	Respiratory protection	Respiratory protection is not required.
	Control of environmental exposure	Do not let undiluted product contaminate subsoil

SECTION 9: Physical and Chemical Properties

Appearance	Clear/light yellow liquid
Odor	Odorless/slight
Flammability	Not applicable
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point	No data available
Freezing Point	No data available

Solubility	Soluble in water
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate:	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

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

Aspiration hazard No significant hazard

SECTION 12: Ecological Information

12.1	Toxicity	No data available
12.2	Persistence and degradability	No data available on this product
12.3	Bioaccumulation potential	No data available on this product
12.4	Mobility in Soil	No data available on this product
12.5	Other adverse effects	Specific test data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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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: 1-24-22

1.1 Product Identification

Product Name: Testosterone Standard
Product Number: EA78
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

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; Acute Tox.3 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 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: Testosterone Standard (100µL)

Methanol Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370
Testosterone Solution Flam. Liq. 2: H225; Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Carc. 1B: H350; Repr. 1B: H360

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. May be toxic if inhaled

In case of skin contact

Wash off with soap and plenty of water immediately. Remove contaminated clothing. Seek medical attention if symptoms persist. May be toxic if absorbed through the skin

In case of eye contact

Flush eyes with water immediately. Contact lenses should be removed. Seek medical attention if symptoms persist. May cause irritation to eyes

If swallowed

May be toxic if swallowed. Never give anything by mouth to an unconscious person. Rinse mouth with water. Ingestion may cause nausea and vomiting. 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. Transfer to a hospital if there are burns or symptoms of poisoning.

5.1 Extinguishing media

Use alcohol resistant foam, dry chemical, or carbon dioxide

5.2 Special hazards

In case of fire and/or explosion, don't breathe in the fumes. Vapor may travel considerable distance to source of ignition and flash back. Heat will increase pressure in sealed containers.

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

Flammable liquid. Adopt best manual handling considerations when handling.
Avoid sparks, flames, heat, and sources of ignition.
Ensure adequate ventilation of working area.
Use protective equipment and avoid prolonged exposure.

6.2 Environmental precautions

Clean spillage area thoroughly with water. Don't flush into surface water. Don't let the product contaminate subsoil

6.3 Methods for containment and clean up

Flammable liquid. Wipe with inert absorbent material and dispose of in suitable container. Do not contaminate the

water by cleaning of equipment.
Clean with detergents and be sure to avoid solvents

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 | Flammable liquid and vapor. Contact with combustible material may cause fire.
Keep refrigerated. Store in correctly labeled containers.
Keep container tightly closed. Follow label instructions. |

SECTION 8: Exposure Controls/Personal Protection

- | | | |
|------------|---|---|
| 8.1 | OSHA Permissible Exposure Limits
Methanol | WEL 8-hr limit ppm: 200 WEL 8-hr limit mg/m ³ : 266
WEL 15 min limit ppm: 250 WEL 15 min limit mg/m ³ : 333 |
| 8.2 | Exposure controls | Follow standard Good Laboratory Practices while using this product. |
| 8.3 | Personal Protective Equipment | |
| | Eye/face protection | Use eye protection approved by NIOSH or EN166. |
| | Skin protection | 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. |
| | Body protection | Wear a lab coat in accordance to standard Good Laboratory Practices. |
| | Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| | Control of environmental exposure | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food and drink. |

SECTION 9: Physical and Chemical Properties

Appearance	Clear/colorless liquid
Odor	Strong/alcoholic
Flammability	Not applicable
Vapor Pressure	127mmHg
Odor Threshold	100ppm
Vapor Density	1.11
pH	No data available
Relative Density	0.792
Melting Point	-97.6°C
Freezing Point	No data available
Solubility	Miscible in water
Boiling Point	64-65°C
Flash Point	12°C
Evaporation Rate:	6.3g/min
Auto-ignition Temperature	440°C
Decomposition Temperature	No data available
Viscosity	0.544mPas (cone and plate)

SECTION 10: Stability and Reactivity

10.1	Reactivity	Stable under normal conditions
10.2	Chemical Stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No hazardous reactions known if used as intended.

SECTION 11: Toxicological Information

11.1	Toxicity	
	Acute toxicity	Toxic by inhalation, in contact with skin, and if swallowed.
	Skin irritation	May cause irritation to skin
	Serious eye damage or irritation	May cause irritation to eyes

Respiratory or skin sensitization	May cause allergic reaction in susceptible people
Germ cell mutagenicity	No mutagenic effects reported
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	Based on available data, the classification criteria are not met. However, this product does contain a substance classified as hazardous.
Specific target organ toxicity	Exposure may cause damage to organs (CNS, liver, eyes, or optic nerve). May cause allergy or asthma symptoms or breathing difficulties if inhaled
Aspiration hazard	No significant hazard

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	Specific test data not available

SECTION 13: Disposal Considerations

13.1	Waste treatment methods	Dispose of product with a licensed disposal company.
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SECTION 14: Transport Information

14.1	US DOT	Methanol (methanol solution)
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	UN number	UN1230
14.2	IMDG	Transport hazard class: 3
	EmS Code	F-E-S-D
14.3	IATA	Transport hazard class: 3
	Packing Instruction (Cargo)	364
	Maximum Quantity	60L
	Packing Instructions (passenger)	352
	Maximum Quantity	1L

SECTION 15: Regulatory Information

1907/2006 of the European Parliament and the Council on the registration, evaluation, authorization and restriction of chemicals (REACH).

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: 3-2-22