

Safety Data Sheet

Product Number: EA31

Product Name: Histamine ELISA

Kit

Revision: 210210

1.1 Product Identification

Product Name: EA31 25x Wash Buffer

Product Number: EA31

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

3.1 Substances: Wash Buffer (30mL)

Doesn't contain any harmful substances that 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.

In	case	of	skin	contact

Wash off with soap and plenty of 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

Treat symptomatically

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

5.2 Special hazards Contains substances hazardous to the environment.

Don't let undiluted product to be released to ground water

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

6.3 Methods for containment and clean up

Wipe with absorbent material and dispose of in suitable container.

surface water. Don't contaminate the subsoil

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

SECTION 8: Exposure Controls/Personal Protection

8.1 OSHA Permissible Exposure Contains no substances with occupational exposure limits.

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/Colorless Liquid

Odor Odorless/slight **Flammability** Not applicable No data available **Vapor Pressure Odor Threshold** No data available **Vapor Density** No data available pН No data available **Relative Density** No data available **Melting Point** Not applicable **Freezing Point** No data available **Solubility** Soluble in water

Boiling PointNo data availableFlash PointNo data availableEvaporation Rate:No data availableAuto-ignition TemperatureNo data availableDecomposition TemperatureNo data availableViscosityNo 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 No hazardous reactions known if used as intended.

reactions

SECTION 11: Toxicological Information

11.1 Toxicity

Acute toxicity Based on the available data, classification criteria are not met

Skin irritation May cause redness and irritation in sensitive individuals

Serious eye damage or irritation May cause redness and irritation in sensitive individuals

Respiratory or skin

sensitization

May cause respiratory in sensitive individuals

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 materials which may damage fertility or the

unborn child

Specific target organ toxicity May cause allergy or asthma symptoms

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 which are hazardous to the environment. Specific test data for the mixture not 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: 2-10-21

1.1 Product Identification

Product Name: EA31 K-Blue Advanced TMB Substrate

Product Number: EA31

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 at <0.5%

3.1 Substances: TMB Substrate (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.

In case of skin contact

Wash off with soap and plenty of 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

Treat symptomatically

5.1	Extinguishing media	Use water spray, d	rv 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	Standard laboratory personal protective equipment should
	personal protective equipment	be utilized.

Environmental precautions Don't allow undiluted product to be released to ground

water, water course, or sewage system.

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 Contains no substances with occupational exposure limits.

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/light blue liquid

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 DensityNo data availableMelting PointNo data availableFreezing PointNo data availableSolubilitySoluble in waterBoiling PointNo data available

Flash Point

Evaporation Rate:

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 No hazardous reactions known if used as intended.

reactions

SECTION 11: Toxicological Information

11.1 Toxicity

Acute toxicity Based on available data, classification criteria are not met.

Skin irritation May cause redness and irritation in sensitive individuals

Serious eye damage or irritation May cause redness and irritation in sensitive individuals

Respiratory or skin

sensitization

May cause respiratory in sensitive individuals

Germ cell mutagenicity No mutagenic affects

Carcinogenicity Not found to be a potential carcinogen

Reproductive toxicityNo teratogenic effects reported

Specific target organ toxicity May cause allergy or asthma symptoms

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 for this mixture not 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: 2-17-21

1.1 Product Identification

Product Name: PBS sample diluent powder foil packet

Product Number: EA31

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 which may be harmful if swallowed. Dust may be irritating if inhaled

3.1 Substances: PBS foil pouch

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.

In case of skin contact

Wash off with soap and plenty of 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 Treat symptomatically		
5.1	Extinguishing media	Use water spray, dry chemical, or carbon dioxide	
5.2	Special hazards	Smoke from fires is toxic. Avoid exposure.	
SECTION	N 6: Accidental Release Me	easures	
6.1	Personal precautions and personal protective equipment	Standard laboratory personal protective equipment should be utilized.	
6.2	Environmental precautions	No special environmental precautions are required.	
6.3	Methods for containment and clean up	Wipe with absorbent material and dispose of in suitable container. Avoid formation of dust	
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 OSHA Permissible Exposure Contains no substances with occupational exposure limits.

Limits

Keep away from common metal ions like Iron. Store only in

amber plastic bottles or glass bottles. Avoid the use of rubber stoppers

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

AppearanceWhite PowderOdorOdorless/slightFlammabilityNot data availableVapor PressureNo data availableOdor ThresholdNo data availableVapor DensityNo data available

pH 7.4

Relative Density No data available **Melting Point** Not applicable **Freezing Point** No data available Soluble in water **Solubility 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 Not applicable

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 Bases on available data, classification criteria is not met

Skin irritation May cause redness and irritation in sensitive individuals

Serious eye damage or irritation May cause redness and irritation in sensitive individuals

Respiratory or skin

sensitization

May cause respiratory in sensitive individuals

Germ cell mutagenicity No mutagenic affects

Carcinogenicity Not found to be a potential carcinogen

Reproductive toxicity No Teratogenic effects reported

Specific target organ toxicity May cause allergy or asthma symptoms

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	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: 2-23-21

1.1 Product Identification

Product Name: Histamine Enzyme Conjugate Solution (HRP)

Product Number: EA31

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 which may damage fertility or unborn child

3.1 Substances: EA31 HRP (6mL)

Acetic Acid Flam Liq. 3: H226, Skin corr. 1A: H314

Sodium Periodate Ox. Sol. 1: H271, Skin corr. 1C: H314, Eye dam. 1: H318,

STOT Re. 1: H372, Aquatic acute 1: H400

Sodium Borohydrate Water react 1: H260, Acute Tox 3: H301, Skin corr. 1B:

H314, Eye dam. 1: H318, 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.

In case of skin contact

Wash off with soap and plenty of 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

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 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	Don't flush into surface water, do not contaminate subsoil
6.3	Methods for containment and	Wipe with absorbent material and dispose of in suitable

SECTION 7: Handling and Storage

clean up

7.1	Precautions for safe handling	Follow standard Good Laboratory Practices while using this
		product.

container.

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

8.1 OSHA Permissible Exposure Contains no substances with occupational exposure limits.

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 Amber Liquid Odorless/slight Odor **Flammability** Not applicable **Vapor Pressure** No data available **Odor Threshold** No data available **Vapor Density** No data available No data available pH **Relative Density** No data available **Melting Point** No data available **Freezing Point** No data available SolubilitySoluble in waterBoiling PointNo data availableFlash PointNo data availableEvaporation Rate:No data availableAuto-ignition TemperatureNo data availableDecomposition TemperatureNo data availableViscosityNo 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 No hazardous reactions known if used as intended.

reactions

SECTION 11: Toxicological Information

11.1 Toxicity

Acute toxicity Stable under normal conditions

Skin irritation May cause redness and irritation in sensitive individuals

Serious eye damage or irritation May cause redness and irritation in sensitive individuals

Respiratory or skin

sensitization

May cause respiratory in sensitive individuals

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 materials which may damage fertility or unborn

child

Specific target organ toxicity May cause allergy or asthma symptoms

Aspiration hazard No significant hazard

SECTION 12: Ecological Information

12.1	Toxicity	This product is not classified as hazardous to the
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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 Contains substances which are hazardous to the

environment

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: 2-23-21

1.1 Product Identification

Product Name: Histamine Multi-level Controls

Product Number: EA31

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

3.1 Substances: EA31 Histamine multi-level controls (0.5mL each)

No Hazardous substances

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 soap and plenty of water.

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ın	case	OT	eve	con	tact.
	Cube	-	·, ·	-	

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

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 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	Don't flush into surface water, do not 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

No special environmental precautions are required.

SECTION 9: Physical and Chemical Properties

Appearance Clear/yellow liquid
Odor Odorless/slight

Flammability Not applicable

Vapor Pressure

Odor Threshold

No data available

No data available

Vapor Density

No data available

pH No data available

Relative DensityNo data availableMelting PointNo 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 TemperatureNo data availableDecomposition TemperatureNo data availableViscosityNo 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 No hazardous reactions known if used as intended. reactions

SECTION 11: Toxicological Information

11.1 Toxicity

Acute toxicity Based on available data, classification criteria not met

Skin irritation May cause redness and irritation in sensitive individuals

Serious eye damage or irritation May cause redness and irritation in sensitive individuals

Respiratory or skin

sensitization

May cause respiratory in sensitive individuals

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 materials which may damage fertility or unborn

child

Specific target organ toxicity May cause allergy or asthma symptoms

Aspiration hazard No significant hazard

SECTION 12: Ecological Information

12.1 To	xicity	No data available
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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: 2-23-21