Oxford Biomedical Research
SUPERIOR SCIENCE. RELIABLE RESULTS.

Safety Data Sheet

Product Number:	NF04
Product Name:	Human IgG4 ELISA
Revision:	220803

1.1 Product Identification

Product Name:	NF04 Assay Buffer
Product Number:	NF04
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

Skin corrosion (category 1C), serious eye damage (category 1), skin sensitization (category 1), short term acute aquatic hazard (category 1), long term chronic aquatic hazard (category 1)

2.2 GHS Label or Precautionary Statements

Causes sever skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.3 Hazards not otherwise classified

None

3.1 Substances: Assay Buffer (100mL)

Mixture of 5-Chloro-2-methyl-4-Isothiazolin-3-one and 2-Methyl-2H-Isothiazol-3-one (3:1)	Acute Tox. 3; Acute Tox. 2; Skin Corr. 1C; Eye Dam. 1; Skin Sens. 1A; Aquatic Acute 1; Aquatic Chronic 1; H301, H330, H310, H314, H318, H317, H400, H410

4.1 Description of first aid measures

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Call a physician

In case of eye contact

Flush eyes with water as a precaution. Remove contact lenses. Call an ophthalmologist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Avoid vomiting (risk of perforation). Call a physician. Do not attempt to neutralize.

4.2 **Most important symptoms and effects: acute or delayed**
The most important symptoms/effects are listed in section 2 and 11

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

5.1	**Extinguishing media**	Use water spray, alcohol resistant foam, dry chemical, or carbon dioxide
5.2	**Special hazards**	Carbon oxides, nitrogen oxides, sulfur oxides, hydrogen chloride gas, magnesium oxide, oxides of phosphorus, potassium oxides, sodium oxides, ambient fire may liberate hazardous vapors

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**	Do not let product enter drains
6.3	**Methods for containment and clean up**	Wipe with absorbent material and dispose of in suitable container. Cover drains

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. Change contaminated clothing
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 drains

SECTION 9: Physical and Chemical Properties

Appearance	Clear/slight yellow liquid
Odor	Odorless
Flammability	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	7.2
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**	No data available
10.2	**Chemical Stability**	Stable under recommended storage conditions
10.3	**Possibility of hazardous reactions**	Violent reactions possible with strong oxidizing agents, bases, acids, alkali metals

SECTION 11: Toxicological Information

11.1 Toxicity

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

Specific target organ toxicity	No data available
Aspiration hazard	No data available

SECTION 12: Ecological Information

12.1	**Toxicity**	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates
12.2	**Persistence and degradability**	No data available
12.3	**Bioaccumulation potential**	No data available
12.4	**Mobility in Soil**	No data available
12.5	**Other adverse effects**	Discharge into the environment must be avoided

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

14.1	**US DOT**	Not dangerous goods
14.2	**IMDG**	Not dangerous goods
14.3	**IATA**	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

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

Revision date: 8-3-22

1.1 Product Identification

Product Name:	NF04 10x Wash Buffer
Product Number:	NF04
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

None

3.1 Substances: 10X Wash Buffer (30mL)

No components need to be disclosed according to the applicable regulations

4.1 Description of first aid measures

If inhaled

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

In case of skin contact

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

In case of eye contact

Flush eyes with water as a precaution. Remove contact lenses

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Consult a physician 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, alcohol resistant foam, dry chemical, or carbon dioxide
5.2	**Special hazards**	Carbon oxides, hydrogen chloride gas, sodium oxides, nitrogen oxides, ambient fire may liberate hazardous vapors

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**	Do not let product enter drains
6.3	**Methods for containment and clean up**	Wipe with absorbent material and dispose of in suitable container. Cover drains

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. Change contaminated clothing
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 drains

SECTION 9: Physical and Chemical Properties

Appearance	Clear/slight yellow liquid
Odor	None
Flammability	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	7.5
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	No data available

	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**	Violent reactions possible with strong oxidizing agents, bases, alkali metals

SECTION 11: Toxicological Information

11.1	**Toxicity**	
	Acute toxicity	No data available
	Skin irritation	No known skin irritation
	Serious eye damage or irritation	No known eye irritation
	Respiratory or skin sensitization	Does not cause any known skin sensitization
	Germ cell mutagenicity	No known 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 data available
	Specific target organ toxicity	No data available
	Aspiration hazard	No data available

SECTION 12: Ecological Information

12.1	**Toxicity**	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates.
12.2	**Persistence and degradability**	No data available
12.3	**Bioaccumulation potential**	No data available
12.4	**Mobility in Soil**	No data available
12.5	**Other adverse effects**	Discharge into the environment must be avoided

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

14.1	**US DOT**	Not dangerous goods
14.2	**IMDG**	Not dangerous goods
14.3	**IATA**	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

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

Revision date: 8-3-22

1.1 Product Identification

Product Name:	NF04 K-Blue Substrate TMB
Product Number:	NF04
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 (15mL)

2-Pyrrolidinone	Eye Irrit. 2; H319
Urea Hydrogen Peroxide	Ox. Sol. 3; Skin Corr. 1B; Eye Dam. 1; H272, H314, 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 plenty of water. Remove contact lenses. Seek medical attention if irritation or symptoms persist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. 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**	Do not allow undiluted product to be released to 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**	Do not flush into surface water. Do not let 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 in an amber 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 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 contaminate subsoil

SECTION 9: Physical and Chemical Properties

Appearance	Clear/light 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	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**	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected

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.

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: 8-3-22

1.1 Product Identification

Product Name:	NF04 Standard
Product Number:	NF04
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

Skin corrosion (category 1C), serious eye damage (category 1), skin sensitization (category 1), short term acute aquatic hazard (category 1), long term chronic aquatic hazard (category 1)

2.2 GHS Label or Precautionary Statements

Causes severe skin burns. May cause allergic skin reaction. Very toxic to aquatic life with long lasting effects.

242.3 Hazards not otherwise classified

None

3.1 Substances: Standard (0.2ug)

Mixture of 5-Chloro-2-methyl-4-Isothiazolin-3-one and 2-mehtyl-2H-Isothiazol-3-one (3:1)	Acute Tox. 3; Acute Tox. 2; Skin Corr. 1C; Eye Dam. 1; Skin Sens. 1A; Aquatic Acute 1; Aquatic Chronic 1; H301, H330, H310, H314, H318, H317, H400, H410

4.1 Description of first aid measures

If inhaled

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

physician

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Call a physician

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses. Call an ophthalmologist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Avoid vomiting (risk of perforation). Call a physician. Do not attempt to neutralize

4.2 **Most important symptoms and effects: acute or delayed**
The most important symptoms/effects are listed in section 2 and 11

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

5.1	**Extinguishing media**	Use water spray, dry chemical, or carbon dioxide
5.2	**Special hazards**	Hydrogen chloride gas, potassium oxides, sodium oxides, oxides of phosphorus, carbon oxides, nitrogen oxides, sulfur oxides, magnesium oxide, ambient fire may liberate hazardous vapors.

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**	Do not let product enter drains. Discharge into the environment must be avoided.
6.3	**Methods for containment and clean up**	Wipe with absorbent material and dispose of in suitable container. Cover drains

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 drains. Discharge into the environment must be avoided.

SECTION 9: Physical and Chemical Properties

Appearance	White/off white powder
Odor	None
Flammability	No data available
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**	No data available
10.2	**Chemical Stability**	Stable under recommended storage conditions
10.3	**Possibility of hazardous reactions**	Violent reactions possible with strong oxidizing agents, bases, acids, alkali metals

SECTION 11: Toxicological Information

11.1	**Toxicity**	
	Acute toxicity	No data available
	Skin irritation	May cause burns
	Serious eye damage or irritation	May cause serious eye damage
	Respiratory or skin sensitization	Mixture may cause an allergic skin reaction
	Germ cell mutagenicity	No data available
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	Reproductive toxicity	No data available
	Specific target organ toxicity	No data available

	Aspiration hazard	No data available

SECTION 12: Ecological Information

12.1	**Toxicity**	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates
12.2	**Persistence and degradability**	No data available
12.3	**Bioaccumulation potential**	No data available
12.4	**Mobility in Soil**	No data available
12.5	**Other adverse effects**	Discharge into the environment must be avoided

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

14.1	**US DOT**	Not dangerous goods
14.2	**IMDG**	Not dangerous goods
14.3	**IATA**	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

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

Revision date: 8-3-22

1.1 Product Identification

Product Name:	NF04 Detection Antibody
Product Number:	NF04
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

Long term chronic aquatic hazard (category 1), acute toxicity oral (category 4), skin corrosion (category 1B), serious eye damage (category 1), short term acute aquatic hazard (category 1)

2.2 GHS Label or Precautionary Statements

Harmful if swallowed. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.

242.3 Hazards not otherwise classified

None

3.1 Substances: Detection Antibody (1.5mL)

Zinc Chloride	Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Aquatic Acute 1; Aquatic Chronic 1; H302, H314, H318, H400, H410

4.1 Description of first aid measures

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Call a physician

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses. Call an ophthalmologist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Avoid vomiting (risk of perforation). Call a physician. Do not attempt to neutralize

4.2 **Most important symptoms and effects: acute or delayed**
The most important symptoms/effects are listed in section 2 and 11

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

5.1	**Extinguishing media**	Use water spray, dry chemical, or carbon dioxide
5.2	**Special hazards**	Carbon oxides, nitrogen oxides, hydrogen chloride gas, sodium oxides, magnesium oxide, zinc/zinc oxides, ambient fire may liberate hazardous vapors

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**	Do not let product enter drains
6.3	**Methods for containment and clean up**	Wipe with absorbent material and dispose of in suitable container. Cover drains

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**	
	Glycerine	Value: TWA Control Parameters: 5mg/m3
	Zinc Chloride	Value: TWA Control Parameters 1mg/m3
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 drains.

SECTION 9: Physical and Chemical Properties

Appearance	Clear liquid
Odor	None
Flammability	No data available
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	No data available

	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**	No data available
10.2	**Chemical Stability**	Stable under recommended storage conditions
10.3	**Possibility of hazardous reactions**	Violent reactions possible with strong oxidizing agents

SECTION 11: Toxicological Information

11.1	**Toxicity**	
	Acute toxicity	No data available
	Skin irritation	No data available
	Serious eye damage or irritation	No data available
	Respiratory or skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	Reproductive toxicity	No data available
	Specific target organ toxicity	No data available
	Aspiration hazard	No data available

SECTION 12: Ecological Information

12.1	**Toxicity**	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates
12.2	**Persistence and degradability**	No data available
12.3	**Bioaccumulation potential**	No data available
12.4	**Mobility in Soil**	No data available
12.5	**Other adverse effects**	Discharge into the environment must be avoided

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

14.1	**US DOT**	Not dangerous goods
14.2	**IMDG**	Not dangerous goods
14.3	**IATA**	Not dangerous goods

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

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

Revision date: 8-3-22