SAFETY DATA SHEET
COVER PAGE

REFERENCE	NAME
HTDM	mAbXmise – Monoclonal antibody quantification Kit Emicizumab
HTDM PLUS	mAbXmise – Monoclonal antibody quantification Kit Emicizumab PLUS
PNHTDM	mAbXmise – Monoclonal antibodies quantification Kit Eculizumab or Ravulizumab
ITDM2	mAbXmise – Monoclonal antibodies quantification Kit Multiplex Infliximab, Adalimumab, Obinutuzumab, Secukinumab, Tocilizumab, Ustekinumab, Vedolizumab
GTDM	mAbXmise – Quantification kit Belatacept or Abatacept
ITDM1	mAbXmise – Monoclonal antibodies quantification kit Multiplex Infliximab & Adalimumab
OTDM1	mAbXmise – Monoclonal antibodies quantification kit Multiplex Rituximab, Trastuzumab, Cetuximab, Bevacizumab, Nivolumab, Pembrolizumab, Ipilimumab

COMPONENTS
Buffer A
Buffer B
Buffer C
Calibrators (CAL) and Quality Controls (QC)
CutX Buffer
CutX Stop
CutXmise
mAbXmise plate
NeutralX Buffer
PuriXmise plate

Promise Proteomics
7 parvis Louis Néel Bâtiment BHT 52A – CS20050
38040 Grenoble CEDEX 9
FRANCE
+33 (0)4 38 02 36 50
https://promise-proteomics.com
https://www.mabxmise.com/
contact@promise-proteomics.com

Buffer A

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : Buffer A

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Washing solution for sample preparation

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	≥ 0.0005 – < 0.00125	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure that there is a suitable ventilation system. Avoid contact with skin.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.

Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure that there is a suitable ventilation system. Avoid contact with skin.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in tightly closed containers.

Incompatible materials : Oxidizer. Amines. Reducing agents. mercaptan.

Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Safety glasses. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	Colourless
Odour	:	odourless
Odour threshold	:	No data available
pH	:	7 – 8
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Oxidizer. Amines. Reducing agents. mercaptan.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8
Respiratory or skin sensitisation	:	Not classified (Based on available data, the classification criteria are not met) Repeated or prolonged contact may cause allergic reactions in very susceptible persons
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	:	Not classified (Based on available data, the classification criteria are not met)

Buffer A	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute)	:	Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic)	:	Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Buffer A	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	55965-84-9	Not present	-	

15.2. International regulations

CANADA

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms	
DOT	Department of Transport
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
CAS-No.	Chemical Abstract Service number

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Buffer B

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : Formic acid 0,2 %
Trade name : Buffer B

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Elution solution for sample purification

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria for section 3.2 of HCS

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air.
First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : None to our knowledge.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.
Emergency procedures : Stop leak if safe to do so.

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.
Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.
Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep in a cool, well-ventilated place.
Incompatible materials : Strong bases.
Special rules on packaging : Store in original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier
Eye protection:
Protective goggles. (ISO 16321-1)
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Clear.

Colour	:	Colourless
Odour	:	No data available
Odour threshold	:	No data available
pH	:	≤ 3
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≤ 3

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≤ 3

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Buffer B	
Viscosity, kinematic	No data available

Symptoms/effects : None to our knowledge.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Buffer B	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

Product/Packaging disposal recommendations : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):
No data available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

Buffer B

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
All chemical substances in this product are listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
All chemical substances in this product are not listed on the Canadian DSL (Domestic Sustances List)/NDSL (Non-Domestic Substances List)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date : 2/4/2025

Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Abbreviations and acronyms	
CAS-No.	Chemical Abstract Service number
DOT	Department of Transportation (DOT)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Buffer C

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : Buffer C

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Solution used to resuspend dried samples after purification

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	≥ 0.0005 – < 0.00125	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure that there is a suitable ventilation system. Avoid contact with skin.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.

Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure that there is a suitable ventilation system. Avoid contact with skin.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in tightly closed containers.

Incompatible materials : Oxidizer. Amines. Reducing agents. mercaptan.

Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Safety glasses. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	Colourless
Odour	:	odourless
Odour threshold	:	No data available
pH	:	7 – 8
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Oxidizer. Amines. Reducing agents. mercaptan.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8
Respiratory or skin sensitisation	:	Not classified (Based on available data, the classification criteria are not met) Repeated or prolonged contact may cause allergic reactions in very susceptible persons
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	:	Not classified (Based on available data, the classification criteria are not met)

Buffer C	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute)	:	Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic)	:	Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Buffer C	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	55965-84-9	Not present	-	

15.2. International regulations

CANADA

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms	
DOT	Department of Transport
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
CAS-No.	Chemical Abstract Service number

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Calibrators (CAL) and Quality Controls (QC)

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : Calibrators (CAL) and Quality Controls (QC)

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Calibrators are used to establish the calibration curve required for the quantification
Quality control sample is used to control the validity of the calibration curve required for the quantification

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin sensitization, Category 1	H317	May cause an allergic skin reaction.

Full text of H-statements: see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H317 - May cause an allergic skin reaction
Precautionary statements (GHS US) : P280 - Wear protective gloves, protective clothing, eye protection.
P333+P313 - If skin irritation or rash occurs: Get medical attention, Get medical advice.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	≥ 0.0009 – < 0.00225	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : May cause an allergic skin reaction.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.
Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure that there is a suitable ventilation system. Avoid contact with skin.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.
Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.
Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.
Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure that there is a suitable ventilation system. Avoid contact with skin.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in tightly closed containers.
Incompatible materials : Oxidizer. Amines. Reducing agents. mercaptan.
Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier
Eye protection:
Safety glasses. (ISO 16321-1)
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Colour	:	No data available
Odour	:	odourless
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Oxidizer. Amines. Reducing agents. mercaptan.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Calibrators (CAL) and Quality Controls (QC)	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : May cause an allergic skin reaction.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Calibrators (CAL) and Quality Controls (QC)	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	55965-84-9	Not present	-	

15.2. International regulations

CANADA

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms	
CAS-No.	Chemical Abstract Service number
DOT	Department of Transportation (DOT)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

CutX Buffer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : CutX Buffer

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Solution used to resuspend CutXmise (enzyme)

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	≥ 0.0005 – < 0.00125	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure that there is a suitable ventilation system. Avoid contact with skin.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.

Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure that there is a suitable ventilation system. Avoid contact with skin.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in tightly closed containers.

Incompatible materials : Oxidizer. Amines. Reducing agents. mercaptan.

Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Safety glasses. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	Colourless
Odour	:	odourless
Odour threshold	:	No data available
pH	:	7 – 8
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Oxidizer. Amines. Reducing agents. mercaptan.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: 7 – 8
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: 7 – 8
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Repeated or prolonged contact may cause allergic reactions in very susceptible persons
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

CutX Buffer	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

CutX Buffer	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	55965-84-9	Not present	-	

15.2. International regulations

CANADA

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms	
DOT	Department of Transport
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
CAS-No.	Chemical Abstract Service number

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

CutX Stop

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : Formic acid 10 %
Trade name : CutX Stop

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Solution used to stop enzymatic digestion

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Corrosive to metals, Category 1	H290	May be corrosive to metals.
Skin corrosion/irritation, Category 1B	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.

Full text of H-statements: see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger
Hazard statements (GHS US) : H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
Precautionary statements (GHS US) : P260 - Do not breathe vapours.
P280 - Wear protective gloves, protective clothing, eye protection.
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER, a doctor.
P390 - Absorb spillage to prevent material damage.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Corrosive to the respiratory tract.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Formic acid	CAS-No.: 64-18-6	10 – 15	Flam. Liq. 3, H226 Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:vapour), H331 Skin Corr. 1A, H314 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Formic acid	CAS-No.: 64-18-6	(2 ≤ C < 10) Eye Irrit. 2; H319 (2 ≤ C < 10) Skin Irrit. 2; H315 (10 ≤ C < 90) Skin Corr. 1B; H314 (10 ≤ C ≤ 100) Eye Dam. 1; H318 (85 < C ≤ 100) Flam. Liq. 3; H226 (90 ≤ C ≤ 100) Skin Corr. 1A; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If experiencing respiratory symptoms: If inhaled, call a doctor.
First-aid measures after skin contact : Take off immediately all contaminated clothing. Rinse immediately with plenty of water. Immediately call a POISON CENTER/doctor.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist immediately.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting because of corrosive effects. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Corrosive to the respiratory tract.

Symptoms/effects after skin contact : Causes severe skin burns.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Burns to mouth, oesophagus and gastrointestinal tract.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Avoid all contact with skin, eyes, or clothing. Do not breathe vapours. Only qualified personnel equipped with suitable protective equipment may intervene.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

Emergency procedures : Evacuate area.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Evacuate the danger area. Stop leak if safe to do so. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.

Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Do not breathe vapours.

Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a cool, well-ventilated place. Store in tightly closed containers.

Incompatible materials : Strong bases. Metals.

Heat and ignition sources : Keep away from heat.

Special rules on packaging : Store in original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Formic acid (64-18-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Formic acid
ACGIH OEL TWA	5 ppm
ACGIH OEL STEL	10 ppm
Remark (ACGIH)	TLV® Basis: URT irr
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Formic acid
OSHA PEL TWA	9 mg/m³
	5 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**
	Neoprene rubber (HNBR)	6 (> 480 minutes)	0,5	
	Butyl rubber	6 (> 480 minutes)	0,7	

Eye protection:
Chemical goggles or face shield. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:		
In case of insufficient ventilation, wear suitable respiratory equipment		
Device	**Filter type**	**Condition**
Gas mask	Filter E (yellow)	

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	Colourless
Odour	:	Acrid
Odour threshold	:	No data available
pH	:	≤ 6
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

May be corrosive to metals.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong bases. Metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Formic acid (64-18-6)	
LD50 oral rat	500 mg/kg bodyweight (expert opinion)
LD50 dermal rat	> 2000 mg/kg bw/day (OECD 402 method)
LC50 Inhalation - Rat (Vapours)	7.4 mg/l/4h (expert opinion)

Skin corrosion/irritation : Causes severe skin burns.
pH: ≤ 6

Serious eye damage/irritation : Causes serious eye damage.
pH: ≤ 6

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

CutX Stop	
Viscosity, kinematic	No data available

Symptoms/effects after inhalation : Corrosive to the respiratory tract.
Symptoms/effects after skin contact : Causes severe skin burns.
Symptoms/effects after eye contact : Causes serious eye damage.
Symptoms/effects after ingestion : Burns to mouth, oesophagus and gastrointestinal tract.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

Formic acid (64-18-6)	
LC50 fish	130 mg/l/96h (Danio rerio (OECD 203 method))
EC50 Daphnia	365 mg/l/48 h (Daphnia magna (Water flea) (OECD 202 method))
ErC50 algae	1240 mg/l/72 h ((Raphidocelis subcapitata) (OECD 201 method))
NOEC chronic crustacea	≥ 100 mg/l/ 21 days (Daphnia magna (Water flea) (OECD 211 method))
NOEC chronic algae	< 76.8 mg/l/72 h ((Raphidocelis subcapitata) (OECD 201 method))

12.2. Persistence and degradability

CutX Stop	
Persistence and degradability	No data available.

Formic acid (64-18-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	92 % (OECD 301D method)

12.3. Bioaccumulative potential

Formic acid (64-18-6)	
Partition coefficient n-octanol/water (Log Pow)	-2.3 – -1.9 (Test method EU A.8)
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

Formic acid (64-18-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	< 1.25 (OECD 121 method)
Ecology - soil	Very mobile.

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
UN3412	3412	3412

DOT	IMDG	IATA
14.2. Proper Shipping Name		
Formic acid	FORMIC ACID	Formic acid
14.3. Transport hazard class(es)		
8	8	8
		
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No.(DOT) : UN3412

DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L

DOT Vessel Stowage Location : A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 40 - Stow ‘‘clear of living quarters’’,53 - Stow ‘‘separated from’’ alkaline compounds,58 - Stow ‘‘separated from’’ cyanides

IMDG

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P001

IBC packing instructions (IMDG) : IBC02

Tank instructions (IMDG) : T7

Tank special provisions (IMDG)	:	TP2
EmS-No. (Fire)	:	F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	:	S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	:	A
Stowage and handling (IMDG)	:	SW2
Segregation (IMDG)	:	SGG1, SG36, SG49

IATA

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y840
PCA limited quantity max net quantity (IATA)	:	0.5L
PCA packing instructions (IATA)	:	851
PCA max net quantity (IATA)	:	1L
CAO packing instructions (IATA)	:	855
CAO max net quantity (IATA)	:	30L
ERG code (IATA)	:	8L

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Formic acid	64-18-6	Present	Active	

Formic acid (64-18-6)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb

15.2. International regulations

CANADA

Formic acid (64-18-6)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Formic acid (64-18-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

CutX Stop
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory All chemical substances in this product are listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) All chemical substances in this product are not listed on the Canadian DSL (Domestic Sustances List)/NDSL (Non-Domestic Substances List)

Formic acid (64-18-6)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Formic acid(64-18-6)	U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H226	Flammable liquid and vapour
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled

Abbreviations and acronyms	
EC50	Median effective concentration
ErC50	EC50 in terms of reduction of growth rate
DOT	Department of Transport
ATE	Acute Toxicity Estimate
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
CAS-No.	Chemical Abstract Service number
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

CutXmise

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form	:	Substance
Name	:	Trypsin
Trade name	:	CutXmise
CAS-No.	:	9002-07-7

1.2. Other means of identification

EC Index No. (Report)	:	647-010-00-7
EC-No.	:	232-650-8

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture	:	Enzyme used for protein digestion

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Respiratory sensitization, Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.

Full text of H-statements: see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS US) : H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 - May cause respiratory irritation
P261 - Avoid breathing dust.
P280 - Wear protective gloves, protective clothing, eye protection.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P337+P313 - If eye irritation persists: Get medical attention, Get medical advice.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER, a doctor.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Substance type : UVCB

Name	Product identifier	%	GHS-US classification
Trypsin (Main constituent)	CAS-No.: 9002-07-7	100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If experiencing respiratory symptoms: If inhaled, call a doctor.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophtalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth out with water. Get medical advice and attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic vapours may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Do not breathe dust. Avoid contact with skin and eyes.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.
Measures in case of dust release : Avoid creating or spreading dust.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.
Emergency procedures : Stop leak if safe to do so.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Knock down/dilute dust cloud with water spray.
Methods for cleaning up : Mechanically recover the product. Wash non-recoverable remainder with large amounts of water.
Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust concentrations. Avoid creating or spreading dust. Do not breathe dust. Avoid contact with skin and eyes.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area.

Heat and ignition sources : Keep away from heat.
Special rules on packaging : Store in original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure that there is a suitable ventilation system. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Type	Material	Permeation	Thickness (mm)	Penetration
	Nitrile rubber (NBR), Neoprene rubber (HNBR)	5 (> 240 minutes)	> 0,3	

Eye protection:

Protective goggles. (ISO 16321-1)

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In the event of insufficient ventilation: Dust mask with filter type P3

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid
Colour : White
Odour : odourless
Odour threshold : No data available
pH : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Flammability (solid, gas) : Not flammable.
Vapour pressure : No data available
Relative vapour density at 20°C : No data available
Relative density : No data available
Density : > 1.32 – < 1.42 g/cm³
Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : -1.3 (equivalent or similar to OECD Guideline 107)
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Explosive limits : No data available

Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitisation	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	May cause respiratory irritation.
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)

Trypsin (9002-07-7)	
NOAEL (oral, rat, 28 days)	≥ 3420 KMTU/kg bodyweight/day

Aspiration hazard	:	Not classified (Technical impossibility to obtain the data)

Trypsin (9002-07-7)	
Viscosity, kinematic	No data available

Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after eye contact : Causes serious eye irritation.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

Trypsin (9002-07-7)	
EC50 Daphnia	> 24.7 mg/l/48 h (Daphnia magna (Water flea) (OECD 202 method))
ErC50 algae	> 24.7 mg/l/72 h ((Raphidocelis subcapitata) (OECD 201 method))
NOEC chronic algae	> 2.5 mg/l/72 h ((Raphidocelis subcapitata) (OECD 201 method))

12.2. Persistence and degradability

Trypsin (9002-07-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	79 %

12.3. Bioaccumulative potential

Trypsin (9002-07-7)	
Partition coefficient n-octanol/water (Log Kow)	-1.3 (equivalent or similar to OECD Guideline 107)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Trypsin	9002-07-7	Present	Active	XU

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Trypsin (9002-07-7)
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

Trypsin (9002-07-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

Trypsin (9002-07-7)	
State or local regulations	U.S. - New York City - Right to Know Hazardous Substances List

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : ECHA (European Chemicals Agency). SDS of suppliers.

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

Abbreviations and acronyms	
EC50	Median effective concentration
ErC50	EC50 in terms of reduction of growth rate
DOT	Department of Transportation (DOT)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
NOEC	No-Observed Effect Concentration
CAS-No.	Chemical Abstract Service number
OECD	Organisation for Economic Co-operation and Development

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

mAbXmise plate

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : mAbXmise plate

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Samples are dropped off in the mAbXmise plate which contains dried SIL-monoclonal antibodies that are used as internal standards for quantification. These SIL-Proteins are resuspended when sample is added.

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute toxicity (oral), Category 4 H302 Harmful if swallowed.
Full text of H-statements: see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H302 - Harmful if swallowed
Precautionary statements (GHS US) : P264 - Wash hands thoroughly after handling.
P301+P312 - If swallowed: Call a POISON CENTER, a doctor if you feel unwell.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Albumins, blood serum	CAS-No.: 9048-46-8	≥ 85	Acute Tox. 4 (Oral), H302

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophtalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting without medical advice. Get medical advice and attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after ingestion : Harmful if swallowed.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Avoid contact with skin.

For non-emergency personnel

Protective equipment : See Section 8 for information on personal protection equipment.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Stop leak if safe to do so.

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up or vacuum up the product.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For waste disposal after cleaning, see section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area.

Incompatible materials : Strong oxidizers.

Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Safety glasses. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Solid
Colour	:	No data available
Odour	:	No data available
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

mAbXmise plate	
ATE US (oral)	584.53 mg/kg bodyweight

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Technical impossibility to obtain the data)

mAbXmise plate	
Viscosity, kinematic	No data available

Symptoms/effects after ingestion : Harmful if swallowed.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

mAbXmise plate	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Albumins, blood serum	9048-46-8	Present	Active	XU

Albumins, blood serum (9048-46-8)
Not subject to reporting requirements of the United States SARA Section 313

15.2. International regulations

CANADA

Albumins, blood serum (9048-46-8)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Albumins, blood serum (9048-46-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date : 2/4/2025

Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H302	Harmful if swallowed

Abbreviations and acronyms	
DOT	Department of Transport
ATE	Acute Toxicity Estimate
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
CAS-No.	Chemical Abstract Service number

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NeutralX Buffer

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : NeutralX Buffer

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Solution used to adjust pH (as necessary)

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None to our knowledge.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	≥ 0.0005 – < 0.00125	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	CAS-No.: 55965-84-9	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.

First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure that there is a suitable ventilation system. Avoid contact with skin.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.

Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure that there is a suitable ventilation system. Avoid contact with skin.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in tightly closed containers.

Incompatible materials : Oxidizer. Amines. Reducing agents. mercaptan.

Heat and ignition sources : Keep away from heat.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Safety glasses. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Not required for normal conditions of use

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear.
Colour	:	Colourless
Odour	:	odourless
Odour threshold	:	No data available
pH	:	≥ 8
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Oxidizer. Amines. Reducing agents. mercaptan.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≥ 8
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: ≥ 8
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Repeated or prolonged contact may cause allergic reactions in very susceptible persons
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

NeutralX Buffer	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

NeutralX Buffer	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	55965-84-9	Not present	-	

15.2. International regulations

CANADA

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Reaction mass of 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1) (55965-84-9)
Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date : 2/4/2025
Data sources : SDS of suppliers. ECHA (European Chemicals Agency).

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H310	Fatal in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Abbreviations and acronyms	
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
CAS-No.	Chemical Abstract Service number
UN RTDG	United Nations Recommendations on the Transport of Dangerous Goods

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

PuriXmise plate

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 2/4/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Name : PuriXmise plate

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : IgG screening

1.4. Supplier's details

PROMISE PROTEOMICS
BHT 52A - CS20050
7 Parvis Louis Neel
P.O. Box 38040
Grenoble Cedex 9
France
T +33 (0)4 38 02 36 50
contact@promise-proteomics.com - https://promise-proteomics.com & https://www.mabxmise.com/

1.5. Emergency phone number

No additional information available

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS US labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria for section 3.2 of HCS

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air.
First-aid measures after skin contact : Wash with soapy water. If irritation persists, consult a doctor.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : None to our knowledge.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8.
Emergency procedures : Stop leak if safe to do so.

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite.
Methods for cleaning up : Wash non-recoverable remainder with large amounts of water.

Other information : Collect all waste in suitable and labelled containers and dispose according to local legislation.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep in a cool, well-ventilated place.
Special rules on packaging : Store in original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid discharge of the product as is into the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Protective gloves. (ISO 374-1). Breakthrough time : refer to the recommendations of the supplier

Eye protection:
Protective goggles. (ISO 16321-1)

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid
Colour : No data available
Odour : No data available
Odour threshold : No data available
pH : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available

Flammability (solid, gas)	:	Not flammable.
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	Not explosive.
Oxidising properties	:	Non oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Technical impossibility to obtain the data)

PuriXmise plate	
Viscosity, kinematic	No data available

Symptoms/effects : None to our knowledge.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

PuriXmise plate	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated

DOT	IMDG	IATA
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
PuriXmise plate		Not present	-	

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
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