SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Trade name	: 3X Coding Buffer
Other means of identification	: Part numbers CB0384, 101000
1.2. Relevant identified uses of the s	substance or mixture and uses advised against
Use of the substance/mixture	: Laboratory use/Manufacturing component/Research
1.3. Details of the supplier of the sat	ety data sheet
seqWell, Inc. 66 Cherry Hill Dr. Beverly, 01915 - USA T 855-737-9355 www.seqwell.com	
1.4. Emergency telephone number	
No additional information available	
SECTION 2: Hazards identificatio	n
2.1. Classification of the substance	or mixture
Classification (GHS-US)	
Not classified	
2.2. Label elements	
GHS-US labeling	
No labeling applicable	
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS-U	S)
No data available	
SECTION 3: Composition/informa	ation on ingredients
3.1. Substance	
Not applicable	
Full text of H-phrases: see section 16	
3.2. Mixture	
SECTION 4: First aid measures	
4.1. Description of first aid measure	S
First-aid measures general	 Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate me	dical attention and special treatment needed
No additional information available	

SECTION 5: Firefighting measure	
5.1. Extinguishing media	
suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
	-
.2. Special hazards arising from the	e substance or mixture
o additional information available	
.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
ECTION 6: Accidental release m	
.1. Personal precautions, protectiv	re equipment and emergency procedures
.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
.2. Environmental precautions	
	Notify authorities if liquid enters sewers or public waters.
3. Methods and material for contai	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
Methods for cleaning up	spillage. Store away from other materials.
.4. Reference to other sections	
see Heading 8. Exposure controls and pers	onal protection.
J	
SECTION 7: Handling and storag	e
· · · · · · · · · · · · · · · · · · ·	. West bands and other owneed areas with mild soon and water before set dripk as make and
· · · · · · · · · · · · · · · · · · ·	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Precautions for safe handling .2. Conditions for safe storage, inc	when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Precautions for safe handling .2. Conditions for safe storage, inc	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids.
Precautions for safe handling .2. Conditions for safe storage, inc Storage conditions Incompatible products	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s)	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids.
Precautions for safe handling .2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials .3. Specific end use(s) Io additional information available	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling .2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials .3. Specific end use(s) Io additional information available SECTION 8: Exposure controls/p	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) In additional information available ECTION 8: Exposure controls/p 1. Control parameters	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Io additional information available SECTION 8: Exposure controls/p 1. Control parameters Io additional information available	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) In additional information available ECTION 8: Exposure controls/p 1. Control parameters In additional information available 2. Exposure controls	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Incompatible materials 3. Specific end use(s) 3. Specific end	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Ito additional information available ECTION 8: Exposure controls/p 1. Control parameters Ito additional information available 2. Exposure controls Personal protective equipment Hand protection	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. protection Avoid all unnecessary exposure.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Io additional information available SECTION 8: Exposure controls/p 1. Control parameters Io additional information available 2. Exposure controls Personal protective equipment Hand protection	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. personal protection Avoid all unnecessary exposure. Wear protective gloves.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Io additional information available SECTION 8: Exposure controls/p 1. Control parameters Io additional information available 2. Exposure controls Personal protective equipment Hand protection Eye protection	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. ersonal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Incompatible materials 3. Specific end use(s) 3. Specific end	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. Personal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Io additional information available ECTION 8: Exposure controls/p 1. Control parameters Io additional information available 2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information ECTION 9: Physical and chemic	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. ersonal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
Precautions for safe handling 2. Conditions for safe storage, inc Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) Io additional information available SECTION 8: Exposure controls/p 1. Control parameters Io additional information available 2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information SECTION 9: Physical and chemic	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. ersonal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
Precautions for safe handling 2. Conditions for safe storage, inclusion Storage conditions Incompatible products Incompatible materials Incompatible materials 3. Specific end use(s) No additional information available SECTION 8: Exposure controls/p 8.1. Control parameters No additional information available Section 8.2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information Section SECTION 9: Physical and chemic And chemic	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. studing any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. ersonal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
Precautions for safe handling 2. Conditions for safe storage, inclusion Storage conditions Incompatible products Incompatible materials 3. Specific end use(s) No additional information available SECTION 8: Exposure controls/p 3. Control parameters No additional information available 3. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information SECTION 9: Physical and chemic 3.1. Information on basic physical and Physical state	 when leaving work. Provide good ventilation in process area to prevent formation of vapor. cluding any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use. Strong bases. strong acids. Sources of ignition. Direct sunlight. Personal protection Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke. cal properties Liquid

Odor	: characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	

SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Not established.	
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
Direct sunlight. Extremely high or low temperature	S.
10.5. Incompatible materials	
strong acids. Strong bases.	
10.6. Hazardous decomposition products	
fume. Carbon monoxide. Carbon dioxide.	
SECTION 11: Toxicological information	on de la constante de la const
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified

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Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
3X Coding Buffer	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
3X Coding Buffer	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
SECTION 14: Transport information In accordance with DOT	
	ns
In accordance with DOT	ns
In accordance with DOT No dangerous good in sense of transport regulation	ns : No supplementary information available.
In accordance with DOT No dangerous good in sense of transport regulation Additional information	
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information	
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR)	: No supplementary information available.
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.)	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR)	 No supplementary information available. UN N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.)	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations No additional information available	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations No additional information available	 No supplementary information available. UN N/A N/A N/A

EU-Regulations

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Other information

: None.

SDS US (GHS HazCom 2012)

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SECTION 1: Identification of the s	ubstance/mixture and of the company/undertaking
.1. Product identifier	
Product form	: Mixture
rade name	: Library Primer Mix
Other means of identification	: Part numbers PRM384, PRM052
2. Relevant identified uses of the s	ubstance or mixture and uses advised against
3. Details of the supplier of the safe	ety data sheet
eqWell, Inc. 6 Cherry Hill Dr. everly, 01915 - USA 855-737-9355	
ww.seqwell.com	
4. Emergency telephone number	
o additional information available	
ECTION 2: Hazards identification	
1. Classification of the substance of	or mixture
Classification (GHS-US)	
lot classified	
.2. Label elements	
HS-US labeling	
o labeling applicable	
.3. Other hazards	
o additional information available	
4. Unknown acute toxicity (GHS-US	5)
lo data available	
ECTION 3: Composition/informa	tion on ingredients
.1. Substance	
ot applicable	
ull text of H-phrases: see section 16	
2. Mixture	
ECTION 4: First aid measures	
.1. Description of first aid measures	3
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	 Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
	lical attention and special treatment needed
o additional information available	
	c
ECTION 5: Firefighting measures	
.1. Extinguishing media suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
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12/02/2022

5.2. Special hazards arising from the su	bstance or mixture
lo additional information available	
.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
ECTION 6: Accidental release meas	sures
.1. Personal precautions, protective eq	uipment and emergency procedures
.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
.2. Environmental precautions	
	y authorities if liquid enters sewers or public waters.
· · ·	
.3. Methods and material for containme Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
	spillage. Store away from other materials.
.4. Reference to other sections	
ee Heading 8. Exposure controls and personal	protection.
ECTION 7: Handling and storage	
1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
.2. Conditions for safe storage, includi	ng any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
.3. Specific end use(s)	
o additional information available	
ECTION 8: Exposure controls/pers	onal protection
.1. Control parameters	
o additional information available	
2 Even a surface la	
.2. Exposure controls	
Personal protective equipment Hand protection	: Avoid all unnecessary exposure.
•	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection Other information	: Wear approved mask. : When using, do not eat, drink or smoke.
ECTION 9: Physical and chemical p	
1. Information on basic physical and c	
Physical state	: Liquid
Color	: Colorless.
Odor	: characteristic.
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
12/02/2022	EN (English US) 7/63

Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	\$S.	
10.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
fume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	

Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

symptoms	
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
Library Primer Mix	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Library Primer Mix	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT	
No dangerous good in sense of transport regulation	ns
Additional information	
Other information	: No supplementary information available.
ADR Transport document description	: UN N/A
Packing group (ADR)	: N/A
Hazard identification number (Kemler No.)	: N/A
Classification code (ADR)	: N/A
Transport by sea	
No additional information available	
Air transport	
No additional information available	
SECTION 15: Regulatory information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	
No additional information available	
Ell Permistione	
EU-Regulations No additional information available	
No auditional information available	

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information Other information : None.

SDS US (GHS HazCom 2012)

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SECTION 1: Identification of the subst	ance/mixture and of the company/undertaking
1.1. Product identifier	ance/mixture and or the company/undertaking
Product form	: Mixture
Trade name	: X Solution
Other means of identification	: Part numbers QB0096, 101001
1.2. Relevant identified uses of the substar	ice or mixture and uses advised against
	: Laboratory use/Manufacturing component/Research
1.3. Details of the supplier of the safety dat	a sheet
seqWell, Inc.	
66 Cherry Hill Dr. Beverly, 01915 - USA	
T 855-737-9355	
www.seqwell.com	
1.4. Emergency telephone number	
No additional information available	
SECTION 2: Hazards identification	
2.1. Classification of the substance or mixt	ure
Classification (GHS-US)	
Not classified	
2.2. Label elements	
GHS-US labeling	
No labeling applicable	
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS-US)	
No data available	
SECTION 3: Composition/information	on ingredients
3.1. Substance	
Not applicable	
Full text of H-phrases: see section 16	
3.2. Mixture	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
	Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects,	
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical at	tention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the subst	ance or mixture
No additional information available	
5.3. Advice for firefighters Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any
	chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equip	oment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
U	
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify a	
6.3. Methods and material for containment	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal pro	otection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and
r reductions for sale handling	when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
No additional information available	
SECTION & Experime controls/percer	al protection
SECTION 8: Exposure controls/person	
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	Chemical goggles or safety glasses.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.
SECTION OF Divisional and share include	
SECTION 9: Physical and chemical pro	
9.1. Information on basic physical and che	
Physical state	: Liquid
Color	: Colorless.
Odor	: characteristic.
Odor threshold	: No data available
рН	: No data available
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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
I0.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	۶.	
10.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
fume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	on	
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
X Solution	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
X Solution	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT	
No dangerous good in sense of transport regulation	IS
Additional information	
Other information	: No supplementary information available.
ADR	
Transport document description	: UN N/A
Packing group (ADR)	: N/A
Hazard identification number (Kemler No.)	: N/A
Classification code (ADR)	: N/A
Transport by sea	
No additional information available	
Air transport	
No additional information available	
SECTION 15: Regulatory information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	
No additional information available	
EU-Regulations	
No additional information available	

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information Other information : None.

SDS US (GHS HazCom 2012)

The information and recommendations presented in this SDS are based on sources believed to be accurate. seqWell assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product form	: Mixture
Trade name	: SB Reagent Plate, Sample Barcode Plate, and Pool Barcode Reagent
Product code	Part Numbers SBX96, SBL96, PBX007, PBX060, PBX079, PBX089, PBX021, PBX024, PBX038, PBX044, PBX048, PBX055, PBX056, PBX083, PBX003, PBX149, PBX184, PBX193, PBX116, PBX140, PBX153, PBX178, PBX169, PBX173, PBX181, PBX207, PBL007, PBL060, PBL079, PBL089, PBL021, PBL024, PBL038, PBL044, PBL048, PBL055, PBL056, PBL083, SBP24, PBZ012, PBZ014, PBZ032, PBZ047, SBW24, PBW014
1.2 Relevant identified uses of t	a substance or mixture and uses advised against

 1.2.
 Relevant identified uses of the substance or mixture and uses advised against

 Use of the substance/mixture
 : Laboratory use/Manufacturing component/Research

1.3. Details of the supplier of the safety data sheet

seqWell, Inc. 66 Cherry Hill Dr. Beverly, 01915 - USA T 855-737-9355 www.seqwell.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effect	ts, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical	attention and special treatment needed
No additional information available	

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the sul	bstance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release meas	sures
6.1. Personal precautions, protective eq	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
•	authorities if liquid enters sewers or public waters.
6.3. Methods and material for containme	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
memous for ocariing up	spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal	protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2 Conditions for only store as inclusion	
7.2. Conditions for safe storage, includir Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight.
	Keep container closed when not in use.
Incompatible products	: Strong bases. strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/perse	onal protection
8.1. Control parameters	
No additional information available	
	: Avoid all unnecessary exposure.
8.2. Exposure controls	: Avoid all unnecessary exposure. : Wear protective gloves.
8.2. Exposure controls Personal protective equipment	
8.2. Exposure controls Personal protective equipment Hand protection	: Wear protective gloves.
8.2. Exposure controls Personal protective equipment Hand protection Eye protection	: Wear protective gloves. : Chemical goggles or safety glasses.
8.2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information	 Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
Personal protective equipment Hand protection Eye protection Respiratory protection Other information SECTION 9: Physical and chemical p	 Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
8.2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information SECTION 9: Physical and chemical p	 Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.
 8.2. Exposure controls Personal protective equipment Hand protection Eye protection Respiratory protection Other information SECTION 9: Physical and chemical pt 9.1. Information on basic physical and c	 Wear protective gloves. Chemical goggles or safety glasses. Wear approved mask. When using, do not eat, drink or smoke.

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Odor	: characteristic.
Odor threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

SECTION 10: Stability and reactivity	y	
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperatu	Jres.	
10.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
fume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological informa	tion	
11.1. Information on toxicological effects	S	
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	

: Not classified

: Not classified

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
SB Reagent Plate, Sample Barcode Plate, a	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
SB Reagent Plate, Sample Barcode Plate, a	
Bioaccumulative potential	Not established.
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
SECTION 14: Transport information In accordance with DOT	
-	ons
In accordance with DOT	ons
In accordance with DOT No dangerous good in sense of transport regulati	ons : No supplementary information available.
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information	
In accordance with DOT No dangerous good in sense of transport regulation Additional information Other information ADR	: No supplementary information available.
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description	: No supplementary information available. : UN N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR)	 No supplementary information available. UN N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.)	: No supplementary information available. : UN N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR)	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport	 No supplementary information available. UN N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations No additional information available	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations No additional information available	 No supplementary information available. UN N/A N/A N/A N/A
In accordance with DOT No dangerous good in sense of transport regulati Additional information Other information ADR Transport document description Packing group (ADR) Hazard identification number (Kemler No.) Classification code (ADR) Transport by sea No additional information available Air transport No additional information available SECTION 15: Regulatory information 15.1. US Federal regulations No additional information available 15.2. International regulations CANADA	 No supplementary information available. UN N/A N/A N/A N/A

EU-Regulations

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Other information

: None.

SDS US (GHS HazCom 2012)

The information and recommendations presented in this SDS are based on sources believed to be accurate. seqWell assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.

SECTION 1. Identification of the subst	anas/mixtura and of the company/undertaking
	ance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Trade name	: Magwise Solution W/Beads
Other means of identification	: MG5000, MG10000, 100102
	nce or mixture and uses advised against
Use of the substance/mixture	: Laboratory use/Manufacturing component/Research
1.3. Details of the supplier of the safety da	ta sheet
seqWell, Inc. 66 Cherry Hill Dr. Beverly, 01915 - USA T 855-737-9355 www.seqwell.com	
1.4. Emergency telephone number	
No additional information available	
SECTION 2: Hazards identification	
2.1. Classification of the substance or mix	
Classification (GHS-US) Not classified	
Not classilleu	
2.2. Label elements	
GHS-US labeling	
No labeling applicable	
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS-US)	
No data available	
SECTION 3: Composition/information	on ingredients
3.1. Substance	
Not applicable	
Full text of H-phrases: see section 16	
3.2. Mixture	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	 Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical a	ttention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media	: Do not use a heavy water stream.	
5.2. Special hazards arising from the subst	tance or mixture	
No additional information available		
5.3. Advice for firefighters		
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	
SECTION 6: Accidental release measu	res	
6.1. Personal precautions, protective equip		
	Shell and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection.	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify a	uthorities if liquid enters sewers or public waters.	
6.3. Methods and material for containment	and cleaning up	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect	t
	spillage. Store away from other materials.	
6.4. Reference to other sections		
See Heading 8. Exposure controls and personal pro	otection.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and	
r recautions for sale nanuling	when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including	any incompatibilities	
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.	
Incompatible products	: Strong bases. strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	
7.3. Specific end use(s)		
No additional information available		
SECTION & Experime controls/percer	al protoction	
SECTION 8: Exposure controls/person		
8.1. Control parameters No additional information available		
No additional mormation available		
8.2. Exposure controls		
Personal protective equipment	: Avoid all unnecessary exposure.	
Hand protection	: Wear protective gloves.	
Eye protection	: Chemical goggles or safety glasses.	
Respiratory protection	: Wear approved mask.	
Other information	: When using, do not eat, drink or smoke.	
SECTION 0: Physical and chamical and		
SECTION 9: Physical and chemical pro		
9.1. Information on basic physical and che		
•	: Liquid	
Color	: brown.	
Odor	characteristic.	
Odor threshold	: No data available	
рН	: No data available	
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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
0.1. Reactivity		
No additional information available		
0.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	es.	
I0.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
ume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	on	
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

Cline Track (Comparison	SECTION 12: Ecological information	
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15.2. International regulations CANADA		
CANADA	No additional information available	
CANADA		
	15.2. International regulations	
No additional information available	CANADA	
	No additional information available	
	Ell Demilations	
EU-Regulations No additional information available		

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information Other information : None.

SDS US (GHS HazCom 2012)

The information and recommendations presented in this SDS are based on sources believed to be accurate. seqWell assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.

SECT	ION 1: Identification of the subst	ance/mixture and of the company/undertaking
1.1.	Product identifier	
		: Mixture
Trade	name	: i7 Tagging Reagent Plate or i5 Tagging Reagent Plate
Produ		: i7-TR96-A, i7-TR96-B, i5-TR96-A, i5-TR96-B
.2.	Relevant identified uses of the substar	nce or mixture and uses advised against
		: Laboratory use/Manufacturing component/Research
.3.	Details of the supplier of the safety dat	a sheet
eqWel	l, Inc.	
	rry Hill Dr. , 01915 - USA	
	/37-9355	
/ww.se	eqwell.com	
.4.	Emergency telephone number	
o add	itional information available	
ECT	ION 2: Hazards identification	
.1.	Classification of the substance or mixt	ure
lassif	ication (GHS-US)	
lot clas	ssified	
.2.	Label elements	
HS-U	S labeling	
lo labe	ling applicable	
.3.	Other hazards	
o add	itional information available	
.4.	Unknown acute toxicity (GHS-US)	
lo data	a available	
ECT	ION 3: Composition/information	on ingredients
.1.	Substance	
ot app	blicable	
ull tex	t of H-phrases: see section 16	
.2.	Mixture	
ЕСТ	ION 4. Eirot aid massures	
	ION 4: First aid measures	
.1. Eiret c	Description of first aid measures	Never give anything by mouth to an unconscious person. If you feel unwell, each mediacle duine
FIISt-2	aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-a	aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-a	aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-a	id measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness
First-a	id measures after ingestion	persist. : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
2.	Most important symptoms and effects,	both acute and delayed
		: Not expected to present a significant hazard under anticipated conditions of normal use.
.3.	Indication of any immediate medical at	tention and special treatment needed
	itional information available	
ECT	ION 5: Firefighting measures	
.1.	Extinguishing media	
suitab	le extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
10/00/		

Unsuitable extinguishing media	Do not use a heavy water stream.
5.2. Special hazards arising from the substa	-
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measur	es
6.1. Personal precautions, protective equip	ment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures :	Evacuate unnecessary personnel.
C.4.C. Example and the	
6.1.2. For emergency responders	
	Equip cleanup crew with proper protection.
Emergency procedures :	Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify au	thorities if liquid enters sewers or public waters.
6.3. Methods and material for containment a	and cleaning up
Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
	spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal pro	ection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling :	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2. Conditions for safe storage, including a	iny incompatibilities
Storage conditions :	Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products :	Strong bases. strong acids.
Incompatible materials :	Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
No additional information available	
SECTION & Experime controls/person	al protoction
SECTION 8: Exposure controls/person	
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
	Avoid all unnecessary exposure.
	Wear protective gloves.
Eye protection :	
	Chemical goggles or safety glasses.
Respiratory protection :	Wear approved mask.
Other information :	When using, do not eat, drink or smoke.
SECTION 9: Physical and chemical pro	perties
9.1. Information on basic physical and cher	
	Liquid
•	Colorless.
Odor	characteristic.
Odor threshold	No data available
	No data available
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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	s.	
10.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
ume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	on	
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

symptoms	
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
i7 Tagging Reagent Plate or i5 Tagging Reag	rent Plate
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
	ant Blota
i7 Tagging Reagent Plate or i5 Tagging Reag Bioaccumulative potential	Not established.
12.4. Mobility in soil No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT	
No dangerous good in sense of transport regulation	ns
Additional information	
Other information	: No supplementary information available.
ADR	
Transport document description	: UN N/A
Packing group (ADR)	: N/A
Hazard identification number (Kemler No.)	: N/A
Classification code (ADR)	: N/A
Transport by sea	
No additional information available	
Air transport	
No additional information available	
SECTION 15: Regulatory information	
15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	
No additional information available	
EU-Regulations No additional information available	
No auditional information available	

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information Other information : None.

SDS US (GHS HazCom 2012)

The information and recommendations presented in this SDS are based on sources believed to be accurate. seqWell assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.

SECTION 1: Identification of the substa	nce/mixture and of the company/undertaking
.1. Product identifier	
Product form :	Mixture
Trade name :	Normalization Reagent
Product code :	NRM60
2. Relevant identified uses of the substan	ce or mixture and uses advised against
Jse of the substance/mixture :	Laboratory use/Manufacturing component/Research
3. Details of the supplier of the safety data	a sheet
eqWell, Inc.	
δ Cherry Hill Dr. everly, 01915 - USA	
855-737-9355	
ww.seqwell.com	
4. Emergency telephone number	
additional information available	
ECTION 2: Hazards identification	
 Classification of the substance or mixtu 	Ire
assification (GHS-US)	
ot classified	
2. Label elements	
IS-US labeling	
labeling applicable	
3. Other hazards	
additional information available	
4. Unknown acute toxicity (GHS-US)	
o data available	
ECTION 3: Composition/information o	n ingredients
I. Substance	
ot applicable	
II text of H-phrases: see section 16	
2. Mixture	
ECTION 4: First aid measures	
I. Description of first aid measures	Never sive anothing hy mouth to an unconscious names of you feel yoursell, each modical advice
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
irst-aid measures after inhalation :	Assure fresh air breathing. Allow the victim to rest.
irst-aid measures after skin contact :	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
irst-aid measures after eye contact :	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
irst-aid measures after ingestion :	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
2. Most important symptoms and effects,	both acute and delayed
symptoms/injuries :	Not expected to present a significant hazard under anticipated conditions of normal use.
3. Indication of any immediate medical att	ention and special treatment needed
additional information available	
ECTION 5: Firefighting measures	
I. Extinguishing media	
	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
	EN/(Eastich 10) 24/62

Unsuitable extinguishing media	: Do not use a heavy water stream.	
5 5	-	
5.2. Special hazards arising from the subst No additional information available	ance or mixture	
5.3. Advice for firefighters		
	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	
SECTION 6: Accidental release measure	res	
6.1. Personal precautions, protective equip	ment and emergency procedures	
6.1.1. For non-emergency personnel		
	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders	- · · · · · · · · · · · · · · · · · · ·	
	: Equip cleanup crew with proper protection.	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify au	uthorities if liquid enters sewers or public waters.	
6.3. Methods and material for containment	and cleaning up	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
6.4. Reference to other sections		
See Heading 8. Exposure controls and personal pro	tection.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
· · · · · ·	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and	
r recautions for sale handling	when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including	any incompatibilities	
	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.	
Incompatible products	: Strong bases. strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	
7.3. Specific end use(s)		
No additional information available		
	al protection	
SECTION 8: Exposure controls/person		
8.1. Control parameters		
No additional information available		
8.2. Exposure controls		
	: Avoid all unnecessary exposure.	
Hand protection	: Wear protective gloves.	
Eye protection	: Chemical goggles or safety glasses.	
Respiratory protection	: Wear approved mask.	
	: When using, do not eat, drink or smoke.	
SECTION 9: Physical and chemical pro		
9.1. Information on basic physical and che		
	: Liquid	
	: Colorless.	
Odor	characteristic.	
Odor threshold	: No data available	
рН	: No data available	
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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
0.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	۶.	
10.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
ume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	on	
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

SECTION 12: Ecological information		
12.1. Toxicity		
No additional information available		
12.2. Persistence and degradability		
Normalization Reagent Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Normalization Reagent Bioaccumulative potential	Not established.	
	Not established.	
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
Other information	: Avoid release to the environment.	
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	
	: Avoid release to the environment.	
SECTION 14: Transport information		
In accordance with DOT		
No dangerous good in sense of transport regulation	s	
Additional information		
	: No supplementary information available.	
ADR		
Transport document description	: UN N/A	
	: N/A	
Hazard identification number (Kemler No.)	: N/A	
Classification code (ADR)	: N/A	
Transport by sea		
No additional information available		
Air transport		
No additional information available		
SECTION 15: Regulatory information		
15.1. US Federal regulations		
No additional information available		
15.2. International regulations		
CANADA		
No additional information available		
EU-Regulations		
No additional information available		

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information Other information : None.

SDS US (GHS HazCom 2012)

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SECT	ION 1: Identification of the subst	ance/mixture and of the company/undertaking
1.1.	Product identifier	
	ct form	: Mixture
Trade		: Indexing Reaction Plate or Ready Reaction Mix Plate
Produ	ct code	: Part Numbers 0844-IRP, 0646-IRP, 0808-IRP, 0707-IRP, 0901-IRP, 1662-IRP, RRP-96
1.2.	Relevant identified uses of the substa	nce or mixture and uses advised against
Use of the substance/mixture : Laboratory use/Manufacturing component/Research		
1.3.	Details of the supplier of the safety da	
seqWel	, Inc.	
	ry Hill Dr.	
	, 01915 - USA 37-9355	
	qwell.com	
1.4.	Emergency telephone number	
No addi	tional information available	
OFOT	ION 2: Hazarda idartification	
SECT 2.1.	ION 2: Hazards identification Classification of the substance or mix	ture
Classif Not clas	cation (GHS-US)	
NOT CIAS	sined	
2.2.	Label elements	
GHS-U	S labeling	
	ling applicable	
2.3.	Other hazards	
No addi	tional information available	
2.4.	Unknown acute toxicity (GHS-US)	
No data	available	
SECTION 3: Composition/information on ingredients		
3.1.	Substance	
Not app	licable	
Full text	of H-phrases: see section 16	
3.2.	Mixture	
SECT	ON 4: First aid measures	
4.1.	Description of first aid measures	
First-a	id measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-a	id measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-a	id measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-a	id measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-a	id measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects, both acute and delayed		
Sympt	oms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3.	Indication of any immediate medical a	ttention and special treatment needed
No additional information available		
SECTION 5: Firefighting measures		
5.1.	Extinguishing media	
suitab	e extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the subs	
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equip	oment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
642 For emergency responders	
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. : Ventilate area.
Emergency procedures	: ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify a	uthorities if liquid enters sewers or public waters.
6.3. Methods and material for containment	and cleaning up
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
	spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal pro	otection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container closed when not in use.
Incompatible products	: Strong bases. strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
7.3. Specific end use(s)	
No additional information available	
SECTION & Experies controls/percer	al protoction
SECTION 8: Exposure controls/persor	
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear approved mask.
Other information	: When using, do not eat, drink or smoke.
	. When using, us not eat, units of smoke.
SECTION 9: Physical and chemical pro	operties
9.1. Information on basic physical and che	•
Physical state	: Liquid
Color	: Colorless.
Odor	characteristic.
Odor threshold	: No data available
pH	: No data available
•	
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seqWell Reagent List Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

SECTION 10: Stability and reactivity		
10.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Not established.		
10.3. Possibility of hazardous reactions		
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperature	¥S.	
0.5. Incompatible materials		
strong acids. Strong bases.		
10.6. Hazardous decomposition products		
ume. Carbon monoxide. Carbon dioxide.		
SECTION 11: Toxicological information	on	
11.1. Information on toxicological effects		
Acute toxicity	: Not classified	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms

symptoms	
SECTION 12: Ecological information	
12.1. Toxicity	
No additional information available	
12.2. Persistence and degradability	
Indexing Reaction Plate or Ready Reaction M	Aix Plate
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Indexing Reaction Plate or Ready Reaction M	lix Diata
Bioaccumulative potential	Not established.
· · · · · · · · · · · · · · · · · · ·	
12.4. Mobility in soil No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
SECTION 14: Transport information	
No dangerous good in sense of transport regulation	
Additional information	
Other information	: No supplementary information available.
ADR	
Transport document description	: UN N/A
Packing group (ADR)	: N/A
Hazard identification number (Kemler No.)	: N/A
Classification code (ADR)	: N/A
Transport by sea	
No additional information available	
Air transport	
No additional information available	
SECTION 15: Regulatory information 15.1. US Federal regulations	
No additional information available	
15.2. International regulations	
CANADA	
No additional information available	
EU-Regulations	
No additional information available	

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

Other information

: None.

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Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

SECTION 1: Identification				
1.1. Identification				
Product form	: Mixture			
Product name	: RAPID CDNA SYNTHESIS BUFFER			
Product code	: Part numbers RSB096, RSB384			
1.2. Recommended use and restrictions				
Use of the substance/mixture	: Laboratory Use/Manufacturing Component/Research			
1.3. Supplier				
seqWell, Inc. 66 Cherry Hill Dr. Beverly, MA 01915 - USA T 855-737-9355 <u>www.seqwell.com</u>	Beverly, MA 01915 - USA T 855-737-9355			
1.4. Emergency telephone number	1.4. Emergency telephone number			
No additional information available				
SECTION 2: Hazard(s) identification				
2.1. Classification of the substance or mixture				
GHS US classification				
Not classified				
2.2 CHS Label elements including pressutionery statements				
2.2. GHS Label elements, including precautionary statements GHS US labeling				
No labeling applicable				
2.3. Other hazards which do not result in classification				
No additional information available				
2.4. Unknown acute toxicity (GHS US)				
Not applicable				
SECTION 3: Composition/Information	on on ingredients			
3.1. Substances				
Not applicable				
3.2. Mixtures				
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012				

SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest. First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness First-aid measures after eye contact persists. First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. 4.2. Most important symptoms and effects (acute and delayed) Potential Adverse human health effects and : Based on available data, the classification criteria are not met. symptoms Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Immediate medical attention and special treatment, if necessary

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extinguishing	media	
Suitable extinguishing media :	Foam. Dry powder. Carbon dioxide. Water spray. Sand.	
Unsuitable extinguishing media :	Do not use a heavy water stream.	
5.2. Specific hazards arising from the chem	ical	
No additional information available		
5.3. Special protective equipment and preca		
	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.	
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.	
SECTION 6: Accidental release measure	es	
6.1. Personal precautions, protective equipr	nent and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures :	Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment :	Equip cleanup crew with proper protection.	
Emergency procedures :	Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify aut	horities if liquid enters sewers or public waters.	
6.3. Methods and material for containment a	Ind cleaning up	
Methods for cleaning up :	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
6.4. Reference to other sections		
See Heading 8. Exposure controls and personal prot	ection.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling :	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including a	ny incompatibilities	
Storage conditions :	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.	
Incompatible products :	Strong bases. Strong acids.	
Incompatible materials :	Sources of ignition. Direct sunlight.	
SECTION 8: Exposure controls/persona	I protection	
8.1. Control parameters		
SEQWELL RAPID CDNA SYNTHESIS BUFFER		
No additional information available		
8.2. Appropriate engineering controls		
No additional information available		
8.3. Individual protection measures/Persona	Il protective equipment	
Personal protective equipment:		
Avoid all unnecessary exposure.		
Avoid all unnecessary exposure. Hand protection:		

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Chemical goggles or safety glasses

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and ch	emical properties
Physical state	: Liquid
Color	: Colorless
Odor	: characteristic
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor 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
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

SECTION 10: Stability and reactivity 10.1. Reactivity No additional information available 10.2. Chemical stability Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases. 10.6. Hazardous decomposition products				
No additional information available 10.2. Chemical stability Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	SECTI	ON 10: Stability and reactivity		
10.2. Chemical stability Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	10.1.	Reactivity		
Not established. 10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	No additi	ional information available		
10.3. Possibility of hazardous reactions Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	10.2.	Chemical stability		
Not established. 10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	Not estat	blished.		
10.4. Conditions to avoid Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	10.3.	Possibility of hazardous reactions		
Direct sunlight. Extremely high or low temperatures. 10.5. Incompatible materials Strong acids. Strong bases.	Not estat	blished.		
10.5. Incompatible materials Strong acids. Strong bases.	10.4.	Conditions to avoid		
Strong acids. Strong bases.	Direct sunlight. Extremely high or low temperatures.			
	10.5.	Incompatible materials		
10.6. Hazardous decomposition products	Strong a	cids. Strong bases.		
	10.6.	Hazardous decomposition products		
fume. Carbon monoxide. Carbon dioxide.				
SECTION 11: Toxicological information	SECTI	ON 11: Toxicological information		
11.1. Information on toxicological effects	11.1.	Information on toxicological effects		

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Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	 Not classified Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity	: Not classified
STOT-single exposure STOT-repeated exposure	: Not classified : Not classified
Aspiration hazard Viscosity, kinematic	: Not classified : No data available
Potential Adverse human health effects and symptoms Symptoms/effects	 Based on available data, the classification criteria are not met. Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information			
12.1. Toxicity			
No additional information available			
12.2. Persistence and degradability			
RAPID CDNA SYNTHESIS BUFFER			
Persistence and degradability Not established.			
12.3. Bioaccumulative potential			
RAPID CDNA SYNTHESIS BUFFER			
Bioaccumulative potential	Not established.		
12.4. Mobility in soil			
No additional information available			
12.5. Other adverse effects			

Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations			
13.1. Disposal methods			
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.		
Ecology - waste materials	: Avoid release to the environment.		

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

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Air transport

Not applicable

SECTION 15	5: Regulatory i	information

15.1. US Federal regulations No additional information available

15.2. International regulations

CANADA

SEQWELL RAPID CDNA SYNTHESIS BUFFER

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information

: None.

SDS US (GHS HazCom 2012)

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seqWell Reagent List Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

SECTION 1: Identifica	ation		
1.1. Identification			
Product form	: Mixture		
Product name	: RNASE Inhibitor		
Product code	: Part numbers RNI096, RNI384		
1.2. Recommended us	se and restrictions on use		
Use of the substance/mixtu	re : Laboratory Use/Manufacturing Component/Research		
1.3. Supplier			
seqWell, Inc. 66 Cherry Hill Dr. Beverly, MA 01915 - USA T 855-737-9355 www.seqwell.com	Beverly, MA 01915 - USA T 855-737-9355		
1.4. Emergency telepl	hone number		
No additional information ava	ailable		
SECTION 2: Hazard(s) identification		
	the substance or mixture		
GHS US classification			
Not classified			
2.2. GHS Label elements, including precautionary statements			
GHS US labeling			
No labeling applicable			
2.3. Other hazards which do not result in classification			
No additional information available 2.4. Unknown acute toxicity (GHS US)			
2.4. Unknown acute toxicity (GHS US) Not applicable			
SECTION 3: Composition/Information on ingredients			
3.1. Substances			
Not applicable			
3.2. Mixtures			
This mixture does not contain	This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012		

SECTION 4: First-aid measures		
4.1. Description of first aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.	
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	
4.2. Most important symptoms and effect	ts (acute and delayed)	
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	
Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.		
4.3 Immediate medical attention and sno	acial treatment if necessary	

Immediate medical attention and special treatment, if necessary 4.3.

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SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extinguishing media		
Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.		
Unsuitable extinguishing media :	Do not use a heavy water stream.	
5.2. Specific hazards arising from the chem	ical	
No additional information available		
5.3. Special protective equipment and preca	autions for fire-fighters	
Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.	
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.	
SECTION 6: Accidental release measure	es	
6.1. Personal precautions, protective equipr	nent and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures :	Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment :	Equip cleanup crew with proper protection.	
Emergency procedures :	Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify aut	thorities if liquid enters sewers or public waters.	
6.3. Methods and material for containment a	and cleaning up	
Methods for cleaning up :	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
6.4. Reference to other sections		
See Heading 8. Exposure controls and personal prot	ection.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling :	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including a	ny incompatibilities	
Storage conditions :	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.	
Incompatible products :	Strong bases. Strong acids.	
Incompatible materials :	Sources of ignition. Direct sunlight.	
SECTION 8: Exposure controls/persona	al protection	
8.1. Control parameters		
RNASE Inhibitor		
No additional information available		
8.2. Appropriate engineering controls		
No additional information available		
8.3. Individual protection measures/Personal protective equipment		
Personal protective equipment:		
Avoid all unnecessary exposure.		
Hand protection:		

Wear protective gloves.

Eye protection:

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Chemical goggles or safety glasses

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and ch	emical properties
Physical state	: Liquid
Color	: Colorless
Odor	: characteristic
Odor 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
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor 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
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

SECTION 10: Stability and reactivity		
10.1.	Reactivity	
No additional information available		
10.2.	Chemical stability	
Not established.		
10.3.	Possibility of hazardous reactions	
Not established.		
10.4.	Conditions to avoid	
Direct sunlight. Extremely high or low temperatures.		
10.5.	Incompatible materials	
Strong acids. Strong bases.		
10.6.	Hazardous decomposition products	
fume. C	arbon monoxide. Carbon dioxide.	
SECT	ION 11: Toxicological information	
11.1.	Information on toxicological effects	

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	 Not classified Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity	: Not classified
STOT-single exposure STOT-repeated exposure	: Not classified : Not classified
Aspiration hazard Viscosity, kinematic	: Not classified : No data available
Potential Adverse human health effects and symptoms Symptoms/effects	 Based on available data, the classification criteria are not met. Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological Information		
12.1.	Toxicity	
No add	tional information available	

12.2 Persistence and degradability

RNASE Inhibitor		
Persistence and degradability Not established.		
12.3. Bioaccumulative potential		
RNASE Inhibitor		
Bioaccumulative potential Not established.		
12.4. Mobility in soil		

No additional information available

12.5. Other adverse effects

Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations		
13.1. Disposal methods		
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	
Ecology - waste materials	: Avoid release to the environment.	

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Air transport

Not applicable

SECTION 15: Regulatory information	
15.1. US Federal regulations	
514654434	

RNASE Inhibitor

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

RNASE Inhibitor

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

National regulations No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information

: None.

SDS US (GHS HazCom 2012)

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Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

	I: Identification
	ntification
Product for	
Product na	
Product co	e : Part numbers OM096, OM384
1.2. Re	ommended use and restrictions on use
No additiona	information available
1.3. Su	plier
seqWell, In 66 Cherry I Beverly, M/ T 855-737- <u>www.seqw</u>	ll Dr. 01915 - USA 355
1.4. En	ergency telephone number
No additiona	information available
	2: Hazard(s) identification
2.1. Cl	ssification of the substance or mixture
GHS US cla	sification
Not classified	
2.2. Gł	S Label elements, including precautionary statements
GHS US lab	
No labeling a	
	er hazards which do not result in classification
	information available
	mown acute toxicity (GHS US)
Not applicab	
SECTION	3: Composition/Information on ingredients
	stances
Not applicab	
	tures
	oes not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	 Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effect	s (acute and delayed)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Immediate medical attention and special treatment, if necessary	

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	media
	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media :	Do not use a heavy water stream.
5.2. Specific hazards arising from the chem	ical
No additional information available	
5.3. Special protective equipment and preca	
	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measure	es
6.1. Personal precautions, protective equipr	nent and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures :	Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment :	Equip cleanup crew with proper protection.
Emergency procedures :	Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify aut	horities if liquid enters sewers or public waters.
6.3. Methods and material for containment a	
Methods for cleaning up :	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal prot	ection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling :	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2. Conditions for safe storage, including a	ny incompatibilities
Storage conditions :	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products :	Strong bases. Strong acids.
Incompatible materials :	Sources of ignition. Direct sunlight.
SECTION 8: Exposure controls/persona	Il protection
8.1. Control parameters	
OLIGO MIX	
No additional information available	
8.2. Appropriate engineering controls	
No additional information available	
8.3. Individual protection measures/Persona	Il protective equipment
Personal protective equipment:	
Avoid all unnecessary exposure.	
Hand protection:	

Wear protective gloves.

Eye protection:

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Chemical goggles or safety glasses

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state : Color :	Liquid Colorless characteristic
Color :	
	characteristic
Odor :	
Odor 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
Relative evaporation rate (butyl acetate=1) :	No data available
Flammability (solid, gas) :	Non flammable.
Vapor pressure :	No data available
Relative vapor 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
Viscosity, dynamic :	No data available
Explosion limits :	No data available
Explosive properties :	No data available
Oxidizing properties :	No data available

9.2. Other information

SECTION	10: Stability and reactivity
10.1. Re	eactivity
No additiona	l information available
10.2. Ch	nemical stability
Not establish	ned.
10.3. Pc	ossibility of hazardous reactions
Not establish	ned.
10.4. Co	onditions to avoid
Direct sunlig	ht. Extremely high or low temperatures.
10.5. Inc	compatible materials
Strong acids	. Strong bases.
10.6. Ha	azardous decomposition products
fume. Carbo	n monoxide. Carbon dioxide.
SECTION	11: Toxicological information
11.1. Int	formation on toxicological effects

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	 Not classified Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity	: Not classified
STOT-single exposure STOT-repeated exposure	: Not classified : Not classified
Aspiration hazard Viscosity, kinematic	: Not classified : No data available
Potential Adverse human health effects and symptoms Symptoms/effects	 Based on available data, the classification criteria are not met. Not expected to present a significant hazard under anticipated conditions of normal use.

SECTI	ON 12: Ecological information
12.1.	Toxicity

No additional information available

12.2. Persistence and degradability

OLIGO MIX			
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential			
OLIGO MIX			
Bioaccumulative potential	Not established.		
12.4. Mobility in soil			

No additional information available

12.5. Other adverse effects

Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations	5
13.1. Disposal methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

Air transport

Not applicable

S	SECTION 15: Regulatory information
1	5.1. US Federal regulations
	OLIGO MIX
	Not listed on the United States TSCA (Toxic Substances Control Act) inventory
1	5.2. International regulations
C	CANADA
	OLIGO MIX

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

National regulations No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information

: None.

SDS US (GHS HazCom 2012)

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Safety Data Sheet. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations. Issued Dec. 6, 2022

ECTION 1: Identification			
I. Identification			
Product form	: Mixture		
Product name	: LYSIS BUFFER		
Product code	: Part numbers LYB096, LYB384		
	·		
2. Recommended use and restriction			
Jse of the substance/mixture	: Laboratory Use/Manufacturing Com	iponent/Research	
3. Supplier			
eqWell, Inc. 6 Cherry Hill Dr. 8everly, MA 01915 - USA ⁻ 855-737-9355 <u>www.seqwell.com</u>			
4. Emergency telephone number			
additional information available			
ECTION 2: Hazard(s) identification	n		
I. Classification of the substance or	mixture		
IS US classification			
Serious eye damage/eye irritation Category 2	2A H319 Causes serious eve irritation		
Il text of H statements : see section 16	· · · · · · · · · · · · · · · · · · ·		
2. GHS Label elements, including pre	ecautionary statements		
IS US labeling			
Signal word (GHS US)	: Warning		
lazard statements (GHS US)	: H319 - Causes serious eye irritatior	ı	
Precautionary statements (GHS US)	 P264 - Wash hands, forearms and P280 - Wear protective gloves/prote P305+P351+P338 - IF IN EYES: Ri contact lenses, if present and easy P337+P313 - If eye irritation persist 	ective clothing/eye p inse cautiously with to do. Continue rinsi	rotection/face protection. water for several minutes. Remove ing.
Other hazards which do not result	in classification		
additional information available			
4. Unknown acute toxicity (GHS US)			
ot applicable			
ECTION 3: Composition/Informati	ion on ingredients		
I. Substances			
ot applicable			
2. Mixtures			
Name	Product identifier	%	GHS US classification
	(CAS-No.) 9002-93-1	<5%	Acute Tox. 4 (Oral), H302
TRITON X-100 BIOXTRA			Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
TRITON X-100 BIOXTRA			Aquatic Acute 2, H401
TRITON X-100 BIOXTRA			Aquatic Acute 2, H401
TRITON X-100 BIOXTRA			Aquatic Acute 2, H401

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

12/02/2022

First-aid measures general

advice (show the label where possible).

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First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	(acute and delayed)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after eye contact	: Causes serious eye damage. Causes serious eye irritation.
4.3. Immediate medical attention and spec	ial treatment, if necessary
No additional information available	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishin	g media
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Specific hazards arising from the cher	nical
No additional information available	
5.3. Special protective equipment and pred	autions for fire-fighters
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equi	oment and emergency procedures
	oment and emergency procedures
	Evacuate unnecessary personnel.
6.1.1. For non-emergency personnel	
6.1.1. For non-emergency personnel Emergency procedures	
6.1.1. For non-emergency personnel Emergency procedures6.1.2. For emergency responders	: Evacuate unnecessary personnel.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal president of the section of the sec	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal pro- SECTION 7: Handling and storage 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal pro SECTION 7: Handling and storage 7.1. Precautions for safe handling 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. etection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal pro- SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. betection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Wash hands, forearms and face thoroughly after handling.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal pro SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. betection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Wash hands, forearms and face thoroughly after handling.
 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify a 6.3. Methods and material for containment Methods for cleaning up 6.4. Reference to other sections See Heading 8. Exposure controls and personal prosections See Heading 8. Exposure controls and personal prosections See Tion 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, including 	 Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. uthorities if liquid enters sewers or public waters. Avoid release to the environment. and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. betection. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Wash hands, forearms and face thoroughly after handling. any incompatibilities Keep only in the original container in a cool, well ventilated place away from : Keep container

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

LYSIS BUFFER

No additional information available

TRITON X-100 BIOXTRA (9002-93-1)

No additional information available

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION & Division and sharring la	
SECTION 9: Physical and chemical p	
9.1. Information on basic physical and ch	nemical properties
Physical state	: Liquid
Color	: Colorless
Odor	: characteristic
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor 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
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

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9.2.	Other information		
No additio	onal information available		
SECTIO	ON 10: Stability and reactivity		
10.1.	Reactivity		
No additio	onal information available		
10.2.	Chemical stability		
Not estab			
10.3.	Possibility of hazardous reactions		
Not estab	-		
10.4.	Conditions to avoid		
	hlight. Extremely high or low temperatures.		
10.5.	Incompatible materials		
	ids. Strong bases.		
-			
10.6.	Hazardous decomposition products rbon monoxide. Carbon dioxide.		
SECTIO	ON 11: Toxicological information		
11.1.	Information on toxicological effects		
		Not classified	
		Not classified	
Acute to	xicity (inhalation) :	Not classified	
TRITC	N X-100 BIOXTRA (9002-93-1)		
LD50	oral rat	1800 mg/kg (Rat, Literature study, Oral)	
	dermal rabbit	8000 mg/kg (Rabbit, Literature study, Dermal)	
	S (oral)	1800 mg/kg body weight	
	S (dermal)	8000 mg/kg body weight	
		Not classified	
	eye damage/irritation :	Causes serious eye irritation.	
	··· , · · · · · · · · · · · · · · · · · · ·	Not classified	
		Not classified	
Carcino	genicity :	Not classified	
Reprodu	ctive toxicity :	Not classified	
STOT-s	ingle exposure :	Not classified	
STOT-r	epeated exposure :	Not classified	
Aspirati	on hazard :	Not classified	
•		No data available	
symptor		Based on available data, the classification criteria are not met.	
• •		Causes serious eye damage. Causes serious eye irritation.	
- ,	•••••••••••••••••••••••••••••••••••••••		
SECTIO	ON 12: Ecological information		
12.1.	Toxicity		
Ecology	- water :	Harmful to aquatic life. Harmful to aquatic life with long lasting effects.	
TRITC	TRITON X-100 BIOXTRA (9002-93-1)		
LC50		8.9 mg/l (96 h, Pimephales promelas, Literature study)	
EC50	Daphnia 1	26 mg/l (48 h, Daphnia magna, Literature study)	

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2. Persistence and degradability	
LYSIS BUFFER	Man and have to see address offertain the anninement. National black ad
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.
TRITON X-100 BIOXTRA (9002-93-1)	Net we all the binde wood able in contact
Persistence and degradability Chemical oxygen demand (COD)	Not readily biodegradable in water.
	2.19 mg/g
ThOD	2.16 g O₂/g substance
2.3. Bioaccumulative potential	
LYSIS BUFFER	
Bioaccumulative potential	Not established.
TRITON X-100 BIOXTRA (9002-93-1)	<u>.</u>
Partition coefficient n-octanol/water (Log Pow)	4.86 (Estimated value)
Bioaccumulative potential	Potential for bioaccumulation ($4 \ge Log$ Kow ≤ 5).
2.4. Mobility in soil	
TRITON X-100 BIOXTRA (9002-93-1)	
Ecology - soil	No (test)data on mobility of the substance available.
Other information ECTION 13: Disposal considerations	: Avoid release to the environment.
3.1. Disposal methods	
-	: Dispose in a safe manner in accordance with local/national regulations. Dispose of
roddolri dokuging disposar rodonimendations	contents/container to hazardous or special waste collection point, in accordance with local,
	regional, national and/or international regulation.
Ecology - waste materials	
Ecology - waste materials ECTION 14: Transport information	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT)	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT)	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) n accordance with DOT Not regulated	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) n accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable ECTION 15: Regulatory information	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable ECTION 15: Regulatory information 5.1. US Federal regulations	regional, national and/or international regulation.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable ECTION 15: Regulatory information 5.1. US Federal regulations LYSIS BUFFER	regional, national and/or international regulation. Avoid release to the environment.
ECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable ECTION 15: Regulatory information 5.1. US Federal regulations LYSIS BUFFER Not listed on the United States TSCA (Toxic Sub	regional, national and/or international regulation. Avoid release to the environment.
ECTION 14: Transport information Department of Transportation (DOT) n accordance with DOT Not regulated Transportation of Dangerous Goods Not applicable Transport by sea Not applicable Air transport Not applicable ECTION 15: Regulatory information 5.1. US Federal regulations LYSIS BUFFER	regional, national and/or international regulation. Avoid release to the environment.

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15.2. International regulations

CANADA

LYSIS BUFFER

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

TRITON X-100 BIOXTRA (9002-93-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations No additional information available

15.3. US State regulations

SECTION 16: Other information

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Other information

: None.

Full text of H-phrases:

H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

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