

## SAFETY DATA SHEET

#### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1	PRODUCT NAME:	
	CATALOG #:	
1.2	RECOMMENDED USE:	

1.3 COMPANY IDENTIFICATION:

LuxSit<sup>™</sup> Pro Substrate NL0101B Research Use Monod Bio, Inc. 700 Dexter Ave N, Suite 700 Seattle, WA 98109 206-992-8808

1.4 EMERGENCY CONTACT:

#### **SECTION 2 – HAZARD IDENTIFICATION**

#### 2.1 Classification of the substance or mixture

#### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquid and vapor	Category 2
Causes serious eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3

#### 2.2 GHS Label elements, including Hazard and Precautionary Statement(s) Pictogram



#### Signal word: Danger

#### Hazard statement(s)

H226	Flammable liquid and vapor
H319	Causes serious eye irritation
H371	May cause damage to organs

#### Prevention, Response, Storage and Disposal Precautionary Statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No		
	smoking.		
P233	Keep container tightly closed.		
P240	Ground/bond container and receiving equipment		
P241	Use explosion-proof electrical/ ventilating/ lighting equipment		



P242	Use only non-sparking tools.
P280	Wear protective gloves/ eye protection/ face protection
P370 + P378	In case of fire: Use dry sand, dry chemical, or alcohol-resistant
	foam for extinction.
P403 + P235	Store in a well-ventilated place. Keep cool.
P403 + P235 + P501	Dispose of contents/ container to an approved waste disposal
	plant.

### SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

**Components:** 50 % (v/v) Ethanol, 50 % (v/v) Propylene Glycol, and 0.08 % (w/v) L-Ascorbic Acid.

Component	CAS Number	Concentration (%)
Ethanol	64-17-5	50 % (v/v)
Propylene Glycol	57-55-6	50 % (v/v)
L-Ascorbic Acid	50-81-7	0.08 % (w/v)

#### SECTION 4 - FIRST-AID MEASURES

#### 4.1 Description of first aid measures

General advice: Consult a doctor and show this safety data sheet.

- i. If inhaled: Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.
- ii. In case of skin contact: Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.
- iii. In case of eye contact: Flush with copious amounts of water for at least 15 minutes. Consult a doctor.
- iv. If swallowed: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed:** To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**4.3 Indication of immediate medical attention and special treatment needed:** Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

## **SECTION 5 - FIRE FIGHTING MEASURES**

## 5.1 Extinguishing media

**Suitable extinguishing media:** Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam. Water mist may be used to cool closed containers.



**5.2 Special hazards arising from the substance or mixture:** Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Vapors may form explosive mixtures with air.

**5.3 Precautions for fire-fighters:** Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

#### **5.4 Further information:**

NFPA:

Health	Flammability	Instability	Physical Hazards
3	3	0	NA

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:** Do not take action without suitable protective clothing - see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust, or gas.

**6.2 Environmental precautions:** Do not flush into surface water or sanitary sewer system. See Section 12 for additional.

**6.3 Methods and materials for containment and cleaning up:** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

**6.4 Reference to other sections:** For required PPE see section 8. For disposal see section 13.

## SECTION 7 - HANDLING AND STORAGE

**7.1 Precautions for safe handling:** Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure.

**7.2 Conditions for safe storage, including any incompatibilities:** Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use. Store at room temperature.

7.3 Specific end use(s): Use in a laboratory fume hood where possible.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION 8.1 Control parameters



**Components with workplace control parameters:** Contains no substances with occupational exposure limit values.

#### **Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
Ethyl alcohol	STEL: 1000 ppm	(Vacated) TWA: 1000 ppm (Vacated) TWA: 1900 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	STEL: 1000 ppm

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists OSHA - Occupational Safety and Health Administration NIOSH IDLH: NIOSH - National Institute for Occupational Safety and Health

#### 8.2 Exposure Controls

**Appropriate engineering controls:** Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

#### Personal protective equipment

- i. Eye/face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- ii. Skin protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166
- iii. Body Protection: Wear appropriate protective clothing. Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
- v. Control of environmental exposure: Do not let product enter drains.



## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties

Appearance	Clear colorless	Vapor Pressure	No data available
	liquid		
Odor	Alcohol-like	Vapor Density	No data available
Odor Threshold	No data available	<b>Relative Density</b>	No data available
рН	No data available	Water Solubility	No data available
Melting/Freezing	No data available	Partition	No data available
Point		Coefficient	
<b>Initial Boiling Point</b>	No data available	Auto-Ignition	No data available
Range		Temperature	
Flash Point	No data available	Decomposition	No data available
		Temperature	
<b>Evaporation Rate</b>	No data available	Viscosity	No data available
Flammability	No data available	Explosive	No data available
(Solid, Gas)		Properties	
Upper/Lower	No data available	Oxidizing	No data available
Flammability or		Properties	
Explosive Limits			

#### **SECTION 10 - STABILITY AND REACTIVITY**

Stability:Stable under recommended storage conditions.Hazardous Decomposition Products/ Hazardous Polymerization:<br/>Carbon monoxide (CO), Carbon dioxide (CO2).

**Incompatibilities:** Strong oxidizing agents, Basses.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity** 

**Product Information** 

- **Oral LD50** Based on ATE data, the classification criteria are not met. ATE = 2210 mg/kg.
- **Dermal LD50** Based on ATE data, the classification criteria are not met. ATE = 3325 mg/kg.
- **Vapor LC50** Based on ATE data, the classification criteria are not met. ATE = 49.6 mg/l.



#### **Component Information**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	LD50 = 10470 mg/kg	Not listed	LC50 = 117-125 mg/l
	OCED 401 (Rat)		(4h)
	3450 mg/kg (Mouse)		OECD 403 (rat)
			20000 ppm/10H
			(rat)

## Toxicologically Synergistic Products: No information available

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: Irritating to eyes

**Carcinogenicity**: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Ethyl	64-17-5	Not listed	Known	A3	Not listed	A3
Alcohol						

## **SECTION 12 - ECOLOGICAL INFORMATION**

**Eco Toxicity:** The environmental impact of this product has not been fully investigated. The product contains following substances which are hazardous for the environment. Contains a substance which is toxic to aquatic organisms.

Component	Freshwater	Freshwater	Microtox	Water Flea
	Algae	Fish		
Ethyl alcohol	EC50 (72h) =	Fathead	Photobacterium	EC50 = 9268
	275 mg/l	minnow	phosphoreum:EC50	mg/L/48h
	(Chlorella	(Pimephales	= 34634	EC50 =
	vulgaris)	promelas)	mg/L/30 min	10800
		LC50 = 14200	Photobacterium	mg/L/24h
		mg/l/96h	phosphoreum:EC50	
			= 35470	
			mg/L/5 min	

## Persistence and degradability: No data available

#### Bioaccumlative potential: No data available

Mobility in soil: Will likely be mobile in the environment due to its volatility

Component	log Pow
Ethyl alcohol	-0.32



#### Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available

Chronic Toxicity: There are no known carcinogenic chemicals in this product.

#### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	RCRA - U Series Wastes	RCRA - P Series Wastes
Methyl alcohol - 67-56-1	U154	-

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

#### **SECTION 14 - TRANSPORT INFORMATION**

DOT	TDG	ΙΑΤΑ	IMDG/IMO
UN-No: UN1170	UN-No: UN1170	UN-No: UN1170	UN-No: UN1170
Name Ethanol	Name Ethanol	Name Ethanol	Name Ethanol
solution	solution	solution	solution
Hazard Class 3	Hazard Class 3	Hazard Class 3	Hazard Class 3
Packing Group II	Packing Group II	Packing Group II	Packing Group II

#### **SECTION 15 - REGULATORY INFORMATION**

#### **USA FEDERAL REGULATION**

#### SARA 311/312 HAZARDOUS CATEGORIZATION

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	Yes	No	No

Clean Water Act/ Clean Air Act: Not Applicable.

TSCA 12(b)/ OSHA/ SARA 313: Not Applicable.

California Proposition 65: This product contains the following Proposition 65 chemicals.



Component	CAS No	California Prop. 65	Prop 65 NSRL	Category
Ethyl alcohol	64-17-5	Development (alcoholic	NA	Developmental carcinogen
		beverages only)		
		Carcinogen		

**CERCLA:** This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substances RQs	CERCLA EHS RQs
Methyl alcohol	5000 lb	-

#### **HMIS Rating**

Health Hazard	Chronic Health Hazard	Flammability	Physical Hazard
2	0	2	0

#### **NFPA Rating**

Health Hazard	Fire Hazard	Reactivity Hazard
2	2	0

#### **State Right to Know**

Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Listed	Listed	Listed	Listed	Listed

#### US Department of Transportation

REPORTABLE QUANTITY	DOT MARINE POLLUTANT	DOT SEVER MARINE
(RQ)		POLLUTANT
Yes	-	-

**U.S. DEPARTMENT OF HOMELAND SECURITY:** This product does not contain any DHS chemicals.

**Canada:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

This SDS complies with the requirements of Regulation (EC).



## **SECTION 16 - OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Monod Bio, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is sold for laboratory research and development purposes use only.

## **Revised September 2024**



#### SAFETY DATA SHEET

#### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1	PRODUCT NAME:

- CATALOG #: 1.2 RECOMMENDED USE:
- 1.3 COMPANY IDENTIFICATION:
- 1.5 COMPANY IDENTIFICATIO
- 1.4 EMERGENCY CONTACT:

10x Assay Buffer NL0101C Research Use Monod Bio, Inc. 700 Dexter Ave N, Suite 700 Seattle, WA 98109 206-992-8808

#### **SECTION 2 – HAZARD IDENTIFICATION**

#### 2.1 Classification of the substance or mixture

## GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): Not classified

Signal word: Not classified

Hazard statement(s): No known significant effects or critical hazards.

#### Precautionary statements:

Prevention	NA
Response	NA
Storage	NA
Disposal	NA

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Other means of identification: NA

CAS number/other identifiers

#### CAS number: NA

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.



## **SECTION 4 - FIRST-AID MEASURES**

#### 4.1 Description of first aid measures

General advice: Consult a doctor and show this safety data sheet.

- i. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- ii. In case of skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- iii. In case of eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- iv. If swallowed: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact Inhalation	No known significant effects or critical hazards No known significant effects or critical hazards
	0
Skin contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards
Over-exposure signs/sym	ptoms
Eye contact	No specific data
Inhalation	No specific data
Skin contact	No specific data
Ingestion	No specific data

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

Notes to physician:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments:	No specific treatment.
Protection of first-aiders:	No action shall be taken involving any personal risk or without
	suitable training

See toxicological information (Section 11)



## **SECTION 5 - FIRE FIGHTING MEASURES**

**5.1 Extinguishing media:** Use an extinguishing agent suitable for the surrounding fire. **Suitable extinguishing media:** None known.

**5.2 Special hazards arising from the chemical:** In a fire or if heated, a pressure increase will occur and the container may burst.

#### 5.3 Hazardous thermal decomposition products:

Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

**5.4 Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**5.5 Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:** Do not take action without suitable protective clothing - see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust, or gas.

**6.2 Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### 6.3 Methods and materials for containment and cleaning up:

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Dispose of via a licensed waste disposal contractor.



## **SECTION 7 - HANDLING AND STORAGE**

**7.1 Precautions for safe handling:** Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

**7.2 Conditions for safe storage, including any incompatibilities:** Store between the following temperatures: 4 to 30°C (39.2 to 86°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 Control parameters

Occupational exposure limits: None

Biological exposure limits: No exposure indices known.

#### 8.2 Exposure Controls

- i. **Appropriate engineering controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- ii. **Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- iii. Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.



#### 8.3 Personal protective equipment

- i. **Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- ii. **Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- iii. **Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- iv. **Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- v. **Respiratory protection:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties

Appearance	Clear colorless	Vapor Pressure	Ingredient name:
	liquid		water
			Vapor pressure at
			20 °C: 17.5 mm Hg;
			2.3 kPa
			Ingredient name: 4-
			(2-hydroxyethyl)
			piperazin-
			1-
			ylethanesulphonic
			acid
			Vapor pressure at
			20 °C: 0 mm Hg; 0
			kPa
Odor	Odorless	Vapor Density	No data available
Odor Threshold	No data available	Relative Density	No data available
рН	7.4 [Conc. (% w/w):	Water Solubility	No data available
	10%]		



Melting/Freezing	0°C (32°F)	Partition	No data available
Point		Coefficient	
Initial Boiling Point	100°C (212°F)	Auto-Ignition	Ingredient name: 4-
Range		Temperature	(2-hydroxyethyl)
			piperazin-
			1-
			ylethanesulphonic
			acid
			>400 °C; >752 °F
			Method: EU A.16
Flash Point	No data available	Decomposition	No data available
		Temperature	
<b>Evaporation Rate</b>	No data available	Viscosity	No data available
Flammability	No data available	Explosive	No data available
(Solid, Gas)		Properties	
Upper/Lower	No data available	Oxidizing	No data available
Flammability or		Properties	
Explosive Limits			

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Stability:	Stable under recommended storage conditions.
Possibility of hazardous	reactions:
	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid: Incompatible materials	No specific data. No specific data.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available.
Irritation/corrosion:	Not available.
Sensitization:	Not available.
Mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive Toxicity:	Not available.
Teratogenicity:	Not available.
Specific target organ toxicity (Single exposure):	Not available.
Specific target organ toxicity (Repeated exposure):	Not available.
Specific target organ toxicity (Single exposure):	Not available.
Aspiration hazard:	Not available



Information on likely routes of exposure:

Routes of entry anticipated: oral, dermal, inhalation, eyes.

Potential acute health effects:

Eye contact:	No known significant effects or critical hazards
Inhalation:	No known significant effects or critical hazards
Skin contact:	No known significant effects or critical hazards
Ingestion:	No known significant effects or critical hazards

#### Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact: Inhalation: Skin contact: Ingestion: No specific data No specific data No specific data No specific data No specific data

# Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure
Potential immediate effects
Potential delayed effects
Long term exposure
Potential immediate effects
Potential delayed effects
Potential chronic health effects
General
Carcinogenicity
Mutagenicity
<b>Reproductive toxicity</b>

Not available Not available

Not available Not available

No known significant effects or critical hazards No known significant effects or critical hazards No known significant effects or critical hazards No known significant effects or critical hazards

Numerical measures of toxicity Acute toxicity estimates N/A

## **SECTION 12 - ECOLOGICAL INFORMATION**

Eco Toxicity: No data available. Persistence and degradability: No data available Bioaccumlative potential: No data available Mobility in soil: No data available Other adverse effects: No data available Chronic Toxicity: There are no known carcinogenic chemicals in this product.



#### **SECTION 13 - DISPOSAL CONSIDERATIONS**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

#### **SECTION 14 - TRANSPORT INFORMATION**

DOT	TDG	ΙΑΤΑ	IMDG/IMO
Not regulated	Not regulated	Not regulated	Not regulated

#### **SECTION 15 - REGULATORY INFORMATION**

Canadian lists
Canadian NPRI
<b>CEPA</b> Toxic substances

None of the components are listed None of the components are listed

#### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

None of the components are listed

## Montreal Protocol None of the components are listed

#### Stockholm Convention on Persistent Organic Pollutants

None of the components are listed

#### Rotterdam Convention on Prior Informed Consent (PIC)

None of the components are listed

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

None of the components are listed

#### **Inventory lists**

CanadaAll components are listed or exempted.USAAll components are listed or exempted.



## **SECTION 16 - OTHER INFORMATION**

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#### **Revised September 2024**