

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY INFORMATION

- Product name: Mag4C-LV
- Catalog number: LKC11000, LTK11200
- Contact:

OZ Biosciences Parc Scientifique de Luminy – Zone Luminy Entreprises 163 Avenue de Luminy – Case 922 13288 Marseille cedex 9, France Phone: +33 (0)4.86.94.85.16 / Fax: +33 (0)4.86.94.85.15 www.ozbiosciences.com / contact@ozbiosciences.com

KIT CONTENT AND CLASSIFICATION

<u>Co</u>	ontent	<u>Classification</u>
٠	Mag4C-LV beads	/
٠	Mag4C- LV conservation Buffer	/
٠	Mag4C- LV Elution Buffer	/

MSDS: Mag4C-LV Beads

SECTION 1 - PRODUCT AND COMPANY INFORMATION

- **Product name:** Mag4C-LV beads
- Contact:

OZ Biosciences Parc Scientifique de Luminy – Zone Luminy Entreprises 163 Avenue de Luminy – Case 922 13288 Marseille cedex 9, France Phone: +33 (0)4.86.94.85.16/ Fax: +33 (0)4.86.94.85.15 www.ozbiosciences.com / contact@ozbiosciences.com

SECTION 2 – HAZARDS IDENTIFICATION

- <u>GHS Classification</u> No
- GHS Label element
 Signal Word:
 None
 Hazard Statements:
 None
 Pictograms:
 None

This product contains hazardous ingredients (Yes; No; Not Applicable or no information): No

• This product contains hazardous carcinogens (Yes; No; N/A): No

• This product contains hazardous ingredients to the environment. (Yes; No; N/A): No

SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

Description: water suspension of nanoparticles with iron oxide.

Ingredient name	CAS number	<u>%</u>	EINECS	Classification
Water	7732-18-5	99.8 - 99.9 %	231-791-2	None
Synthetic polymers		<0.05 %		None
Iron oxides		<0.05 %		None
Other ingredients		<0.1 %		None

Ingredients are not hazardous or their concentrations do not exceed the limit specified according to 29 CFR 1910.1200 Hazard Communication Standard (USA) and Directive 1999/45/EC-2001/59/EC (EU).

SECTION 4 – FIRST AID MEASURES

• Effects and symptoms:

Ent	cus and symptoms.	
0	Inhalation	Not available.
0	Ingestion	Slightly hazardous in case of ingestion.
0	Skin contact	Not available.
0	Eye contact	Slightly hazardous in case of eye contact.
0	Aggravating conditions	Repeated or prolonged exposure is not known to aggravate medical conditions.
Firs	t-Aid measures:	
0	Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
0	Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
0	Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothes before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
0	Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
0	Notes to physician	Not available.
0	Protection of first-aiders	Not available.

SECTION 5 – FIRE FIGHTING MEASURES

•	Flammability of the product: Flash Point:	May be combustible at high temperature. Not available.
٠	Fire hazards in presence of various substances:	Not considered to be flammable.
٠	Fire fighting media and instructions:	Use an extinguish agent suitable for surrounding fires.
٠	Protective clothing (fire):	Be sure to use an approved/certified respirator or equivalent.
٠	Hazardous thermal decomposition products:	Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SECTION 7 – HANDLING AND STORAGE

•	Personal precautions: Environmental precautions and clean-up methods:	Safety glasses, lab coat and gloves. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and
•	Small spill and leak:	allow evacuating through the sanitary system. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority
•	Additional information:	requirements. No dangerous substances are released.

- Handling: Avoid breathing vapors or spray mists.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 2 to 8°C (35.6 to 46.4 F)

- Refer to the instruction booklet for proper and intended use. Otherwise, contact supplier for specific application. Intended use:
- **Packaging materials**

Suitable: Use original container.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION ©

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Ensure that evewash stations and safety showers are proximal to the workstation location.

- Personal protection
 - Eves: 0

0

- Safety glasses. **Body:** Lab coat and gloves.
- 0
- Respirator is not needed under normal and intended conditions of use, if exposures are kept below established **Respiratory:** limits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES 9

Appearance **Physical State:** Emulsion. 0 Color: Brown. 0 Not available. Odor: 0 Taste: Not available. 0 Molecular weight: Not available. Between 4 and 11 pH: Boiling point: 100°C (212 F). **Decomposition temperature:** 100°C (212 F) Melting point: Not available. Flash point: Not available. **Dispersion properties:** In suspension in water. Solubility: Not available.

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity:

The product is stable at a pH between 4 and 11

Conditions to avoid: Materials to avoid: ٠

pH < 4 and pH > 11, using temperatures $< +\ 2^\circ C$ and $> +\ 96^\circ C$

- Strong acids, strong bases and pure organic solvents.
- Hazardous polymerization: Will not occur.
- ٠ Hazardous decomposition products: Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

	SECTION 11 – TOXICOLOGICAL INFORMATION
Toxicity on animals:•LD50:•LC50:Not available.Chronic effects on humans:Other toxic effects on humans:	Carcinogenic effects: classified none. by NIOSH. By OSHA. Slightly hazardous in case of ingestion, of eye contact.
	SECTION 12 – ECOLOGICAL INFORMATION
No data available.	
	SECTION 13 – DISPOSAL CONSIDERATIONS
Waste stream: Waste disposal method: European waste catalogue (EWC): Hazardous waste:	Not available. Contact a licensed professional waste disposal service to dispose of this material. Dis accordance with governmental environmental regulations. Observe all federal, state, a environmental regulations. Not available. Will not occur.
	SECTION 14 – TRANSPORT INFORMATION
D.O.T.: Not regulated.	
D.O.T.: Not regulated.IATA.: Not regulated.IMDG: Not regulated.	
IATA.: Not regulated.	Section 15 – Regulatory information
IATA.: Not regulated.	Section 15 – Regulatory information
IATA.: Not regulated. IMDG: Not regulated.	SECTION 15 – REGULATORY INFORMATION Not applicable
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes,	
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): CLEAN AIR ACT (SEC. 112.	Not applicable Not applicable
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): CLEAN WATER ACT (RQ, 40 CFR SARA Title III: Section 302 -304, 40 CFR 355: none.	Not applicable Not applicable
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): CLEAN WATER ACT (RQ, 40 CFR SARA Title III: Section 302 -304, 40 CFR 355: none. Section 311 - 312: Components none. Section 313: Not applicable	Not applicable Not applicable .): Not applicable Components present in this product at a level which could require reporting are:
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): CLEAN WATER ACT (RQ, 40 CFR SARA Title III: Section 302 -304, 40 CFR 355: none. Section 311 - 312: Components none. Section 313: Not applicable TSCA Section 8(b) Inventory Status: from TSCA Inventory requirements.	Not applicable Not applicable 2): Not applicable Components present in this product at a level which could require reporting are: as present in this product at a level which could require reporting are:
IATA.: Not regulated. IMDG: Not regulated. US Federal Regulations RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): CLEAN WATER ACT (RQ, 40 CFR SARA Title III: Section 302 -304, 40 CFR 355: none. Section 311 - 312: Components none. Section 313: Not applicable TSCA Section 8(b) Inventory Status: from TSCA Inventory requirements.	Not applicable Not applicable D): Not applicable Components present in this product at a level which could require reporting are: as present in this product at a level which could require reporting are: All ingredients are listed on TSCA Inventory of Chemical Substances or exempt

SECTION 16 - OTHER INFORMATION

6



Health	0
Fire hazard	0
Reactivity	0
Personal protection	



Revisions:

Issue Date: 22-May-2014 Last Revision Date: 23-Aug-2016 Revision note: New format. updated Section 2,8,15,16.

• Other Comments:

To the best of our knowledge, the information contain herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Restriction of use: for research use only.

MSDS: Mag4C-LV Conservation Buffer

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name: Mag4C-LV Conservation Buffer **Contact: OZ** Biosciences Parc Scientifique de Luminy - Zone Luminy Entreprises 163 Avenue de Luminy - Case 922 13288 Marseille cedex 9, France Phone: +33 (0)4.86.94.85.16 / Fax: +33 (0)4.86.94.85.15 www.ozbiosciences.com / contact@ozbiosciences.com SECTION 2 - HAZARDS IDENTIFICATION **GHS** Classification No **GHS Label element** Signal Word: None Hazard Statements: None Pictograms: None This product contains hazardous ingredients (Yes; No; Not Applicable or no information): May cause skin irritation and/or dermatitis. This product contains hazardous carcinogens (Yes; No; N/A): No This product contains hazardous ingredients to the environment. (Yes; No; N/A): No SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS Conservation Buffer is composed of proprietary mixture of ingredients. Among other we can find: CAS Component Weight Glycerol 56-81-5 <20%

Ingredients are not hazardous or their concentrations do not exceed the limit specified according to 29 CFR 1910.1200 Hazard Communication Standard (USA) and Directive 1999/45/EC-2001/59/EC (EU).

SECTION 4 – FIRST AID MEASURES

Effects and symptoms:

0	Inhalation	Not likely to occur.
0	Ingestion	Hazrdous if swallowed.
0	Skin contact	May cause skin irritation.
0	Eye contact	May cause eye irritation.
0	Aggravating conditions	No aggravating condition known.
Firs	st-Aid measures:	

0	Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial
		respiration. Get medical attention immediately.
0	Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth Ingestion to an unconscious person. Get medical attention. Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing 0 contaminated clothing and shoes. Wash clothes before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately. Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical 0 attention immediately. Notes to physician Not available. 0

- Protection of first-aiders Not available. 0

Flammability of the product:	May be combustible at high temperature.
Flash Point:	N/A.
Fire hazards in presence of various substances:	N/A.
Fire fighting media and instructions:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fo foam. Do not use water jet.
Protective clothing (fire):	Be sure to use an approved/certified respirator or equivalent.
Hazardous thermal decomposition products:	Carbon oxides, nitrogen oxides.
	SECTION 6 – ACCIDENTAL RELEASE MEASURES
Personal precautions:	Wear safety glasses, lab coat and gloves.
Environmental precautions and clean-up method	ds: Absorb with an inert material and put the spilled material in an appropriate v
	disposal. Finish cleaning by spreading water on the contaminated surface
Small spill and leak:	allow evacuating through the sanitary system. Dilute with water and mop up, or absorb with an inert dry material and pla
Sman spin and leak.	an appropriate waste disposal container. Finish cleaning by spreading wate
	the contaminated surface and dispose of according to local and regional auth
	requirements.
	SECTION 7 – HANDLING AND STORAGE
Handling: Keep away from heat and sources	s of ignition. Avoid breathing vapors or spray mists. Avoid prolonged exposure.
Storage: Keep container tightly closed. Ke	eep container in a cool, well-ventilated area. Store at +4°C. Use original container.
Intended use: Refer to the instruction booklet for	or proper and intended use. Otherwise, contact supplier for specific application.
	SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION
recommended exposure	
 recommended exposure station location. Personal protection Eyes: Safety glasses. 	
 recommended exposure station location. Personal protection Eyes: Safety glasses. Body: Lab coat and gloves. 	limits. Ensure that eyewash stations and safety showers are proximal to the v
 recommended exposure station location. Personal protection Eyes: Safety glasses. Body: Lab coat and gloves. Respiratory: Respirator is not needed 	limits. Ensure that eyewash stations and safety showers are proximal to the v
 recommended exposure station location. Personal protection Eyes: Safety glasses. Body: Lab coat and gloves. 	limits. Ensure that eyewash stations and safety showers are proximal to the v under normal and intended conditions of use, if exposures are kept below establ
 recommended exposure station location. Personal protection Eyes: Body: Lab coat and gloves. Respiratory: Respirator is not needed limits. 	limits. Ensure that eyewash stations and safety showers are proximal to the v under normal and intended conditions of use, if exposures are kept below establ ly after handling.
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recommended exposure station location. Personal protection • Eyes: Safety glasses. • Body: Lab coat and gloves. • Respiratory: Respirator is not needed limits. General Hygiene measures: wash hands thorough Appearance and physical state: colorless aqueous	limits. Ensure that eyewash stations and safety showers are proximal to the v under normal and intended conditions of use, if exposures are kept below establ ly after handling. SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES solution. SECTION 10 – STABILITY AND REACTIVITY
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recommended exposure station location. Personal protection • Eyes: Safety glasses. • Body: Lab coat and gloves. • Respiratory: Respirator is not needed limits. General Hygiene measures: wash hands thorough Appearance and physical state: colorless aqueous Stability and reactivity: The productor Conditions to avoid: pH < 4 and	limits. Ensure that eyewash stations and safety showers are proximal to the v under normal and intended conditions of use, if exposures are kept below establ ly after handling. SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES s solution. SECTION 10 – STABILITY AND REACTIVITY et is stable at a pH between 4 and 11 l pH > 11, using temperatures < + 2°C and > + 96°C ls, strong bases, strong oxidizing agents. rcur. ole. SECTION 11 – TOXICOLOGICAL INFORMATION
 recommended exposure station location. Personal protection • Eyes: Safety glasses. • Body: Lab coat and gloves. • Respiratory: Respirator is not needed limits. General Hygiene measures: wash hands thorough Appearance and physical state: colorless aqueous Stability and reactivity: The productor Conditions to avoid: pH < 4 and	SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES S solution. SECTION 10 – STABILITY AND REACTIVITY Ct is stable at a pH between 4 and 11 I pH > 11, using temperatures < + 2°C and > + 96°C Is, strong bases, strong oxidizing agents. Ct in the strategy of the st
 recommended exposure station location. Personal protection • Eyes: Safety glasses. • Body: Lab coat and gloves. • Respiratory: Respirator is not needed limits. General Hygiene measures: wash hands thorough Appearance and physical state: colorless aqueous Stability and reactivity: The productor Conditions to avoid: pH < 4 and	limits. Ensure that eyewash stations and safety showers are proximal to the v under normal and intended conditions of use, if exposures are kept below estable ly after handling. SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES s solution. SECTION 10 – STABILITY AND REACTIVITY et is stable at a pH between 4 and 11 lpH > 11, using temperatures < + 2°C and > + 96°C ls, strong bases, strong oxidizing agents. ccur. ble. SECTION 11 – TOXICOLOGICAL INFORMATION

SECTION 12 – ECOLOGICAL INFORMATION

•	Ecotoxicity				
	Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
	Glycerin	Not tested	LC50 51-57 mL/L 96h	Not Listed	EC50>500 mg/L

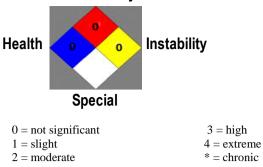
Persistence and Degradability Soluble in water Persistence is unlikely based on information available. Bioaccumulation/ Accumulation No information available

				SEC	CTION 13 – DISI	POSAL C	ONSIDERATIONS
E	Vaste disposal i uropean waste (azardous wast	e catalogue (EWC):		rnmental environment			of this material. Dispos all federal, state, and
				SI	ECTION 14 – TH	RANSPOR	AT INFORMATION
• Tl	his substance is	considered to be not	n-hazardous for transport	and air-transport.			
				SEC	TION 15 – REG	ULATOR	Y INFORMATION
	ational Invento	ories DSL NDSL	the following Inventory EINECS ELINCS 200-289-5 -			IECSC X	KECL X
	12(b)	Not applicat Not applicat	le			1	
	311/312 Haza Health Hazard	rd Categories	Yes				
ire Ha udden	c Health Hazard azard a Release of Pre ve Hazard		Yes No No No				
ire Ha udden leactiv	izard Release of Pre	essure Hazard	No No				
Fire Ha Sudden Reactiv CWA (Clean A DSHA Not app CERC Not app	azard a Release of Pre ye Hazard Clean Water A Air Act Occupational plicable	essure Hazard ct) Safety and Health A	No No Not applicable Not applicable	not contain any Prop	osition 65 chemi	cals	
Fire Ha Sudden Reactiv CWA (Clean A OSHA Not app CERC Not app Califor	nzard n Release of Pre ve Hazard Clean Water A Air Act Occupational plicable LA plicable rnia Propositio ate Right-to-K ttions	essure Hazard ct) Safety and Health 4 n 65	No No Not applicable Not applicable	not contain any Prop	osition 65 chemi	cals	Rhode Island

Hazardous Material Information System (U.S.A.):

Health	0
Fire hazard	0
Reactivity	0
Personal protection	

National Fire Protection Association (U.S.A.):
 Flammability



Revisions:

Issue Date: 22-May-2014 Last Revision Date: 26-Aug-2016 Revision note: New format. updated Section 2,8,15,16.

Other Comments:

To the best of our knowledge, the information contain herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Restriction of use: for research use only.

MSDS: Mag4C-LV Elution Buffer

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product name: Mag4C-LV Elution Buffer **Contact: OZ** Biosciences Parc Scientifique de Luminy - Zone Luminy Entreprises 163 Avenue de Luminy - Case 922 13288 Marseille cedex 9, France Phone: +33 (0)4.86.94.85.16 / Fax: +33 (0)4.86.94.85.15 www.ozbiosciences.com / contact@ozbiosciences.com SECTION 2 – HAZARDS IDENTIFICATION **GHS** Classification No **GHS Label element** Signal Word: None Hazard Statements: None Pictograms: None This product contains hazardous ingredients (Yes; No; Not Applicable or no information): No. This product contains hazardous carcinogens (Yes; No; N/A): No Effects and symptoms: Inhalation Not likely to occur. 0 Harmful if swallowed. Ingestion 0 Skin contact Causes skin irritation. 0 Eve contact Causes transient eye irritation .. 0 Aggravating conditions No aggravating condition known. 0 SECTION 5 – FIRE FIGHTING MEASURES & May be combustible at high temperature. N/A. N/A.

OZ Biosciences / MSDS: LentiBlast / www.ozbiosciences.com /

SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

Elution Buffer is composed of proprietary mixture of ingredients. Ingredients are not hazardous or their concentrations do not exceed the limit specified according to 29 CFR 1910.1200 Hazard Communication Standard (USA) and Directive 1999/45/EC-2001/59/EC (EU).

Section 4 - First and measures

First-Aid measures:

0	Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial
		respiration. Get medical attention immediately.
0	Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth
		to an unconscious person. Get medical attention.
0	Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing
		contaminated clothing and shoes. Wash clothes before reuse. Thoroughly clean shoes before reuse. Get
		medical attention immediately.
0	Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical
	-	attention immediately.
0	Notes to physician	Not available.
	Protection of first-aiders	Not available.
0	Troiceiton of first diders	

Flammability of the product: Flash Point: Fire hazards in presence of various substances: Fire fighting media and instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Be sure to use an approved/certified respirator or equivalent. **Protective clothing (fire):**

This product contains hazardous ingredients to the environment. (Yes; No; N/A): No

• Hazardous thermal decomposition products: Carbon oxides, nitrogen oxides.

			SECTION 6 – ACCIDENTAL RELEASE MEASURES
	_	ecautions and clean-up me	Wear safety glasses, lab coat and gloves.Absorb with an inert material and put the spilled material in an appropriate wa disposal. Finish cleaning by spreading water on the contaminated surface a allow evacuating through the sanitary system.
	Small spill and lea	k:	Dilute with water and mop up, or absorb with an inert dry material and place an appropriate waste disposal container. Finish cleaning by spreading water the contaminated surface and dispose of according to local and regional author requirements.
			SECTION 7 – HANDLING AND STORAGE
	Storage: K	eep container tightly closed	arces of ignition. Avoid breathing vapors or spray mists. Avoid prolonged exposure. I. Keep container in a cool, well-ventilated area. Store at +4°C. Use original container. let for proper and intended use. Otherwise, contact supplier for specific application.
			SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION
	Engineering Controls : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels b recommended exposure limits. Ensure that eyewash stations and safety showers are proximal to the v station location.		
	Personal protection		
	• Eyes:	Safety glasses.	
	Body:Respiratory:	Lab coat and gloves.	eded under normal and intended conditions of use, if exposures are kept below establish
	• Respiratory.	limits.	and under normal and intended conditions of use, it exposures are kept below establish
	General Hygiene n	neasures: wash hands thoro	bughly after handling.
			SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES
•	Appearance and p	hysical state: colorless aqu	eous solution.
•	Appearance and p	hysical state: colorless aqu	
•			eous solution. SECTION 10 – STABILITY AND REACTIVITY
•	Stability and react Conditions to avoid	ivity: The pro d: pH < 4	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 oduct is stable a
•	Stability and react Conditions to avoid Materials to avoid	ivity: The pro d: pH < 4 : Strong	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 oduct is stable a
•	Stability and react Conditions to avoid Materials to avoid Hazardous polyme	ivity: The pro d: pH < 4 : Strong	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur.
	Stability and react Conditions to avoid Materials to avoid Hazardous polyme	ivity: The pro d: pH < 4 : Strong erization: Will no	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur.
•	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp	ivity: The products: PH < 4 d: pH < 4 : Strong prization: Will no position products: Not available	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION
•	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp Toxicity on animal Chronic effects on	ivity: The products: pH < 4 c pH < 4 c Strong prization: Will no position products: Not avainable ls: Not avainable humans: Carcino	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION ailable ogenic effects: classified none by NIOSH, By OSHA.
	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp Toxicity on animal	ivity: The products: pH < 4 c pH < 4 c Strong prization: Will no position products: Not avainable ls: Not avainable humans: Carcino	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION
•	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp Toxicity on animal Chronic effects on	ivity: The products: pH < 4 c pH < 4 c Strong prization: Will no position products: Not avainable ls: Not avainable humans: Carcino	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION ailable ogenic effects: classified none by NIOSH, By OSHA.
•	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp Toxicity on animal Chronic effects on Other toxic effects • Ecotoxicity Co • Mobility No in • Biodegradatio	ivity: The products: pH < 4 : Strong erization: Will no position products: Not available ls: Not available humans: Carcino on human: Harmfu	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION ailable ogenic effects: classified none by NIOSH, By OSHA. d if Swallowed. Causes irritation to skin and eyes SECTION 12 – ECOLOGICAL INFORMATION to be hazardous to the environment or not degradable in waste water treatment plants.
	Stability and react Conditions to avoid Materials to avoid Hazardous polyme Hazardous decomp Toxicity on animal Chronic effects on Other toxic effects • Ecotoxicity Co • Mobility No in • Biodegradatio	ivity: The pro- d: pH < 4 : Strong erization: Will no position products: Not ava- ls: Not ava- humans: Carcino on human: Harmfu	eous solution. SECTION 10 – STABILITY AND REACTIVITY oduct is stable at a pH between 4 and 11 and pH > 11, using temperatures < + 2°C and > + 96°C acids, strong bases, strong oxidizing agents. ot occur. ailable. SECTION 11 – TOXICOLOGICAL INFORMATION ailable ogenic effects: classified none by NIOSH, By OSHA. d if Swallowed. Causes irritation to skin and eyes SECTION 12 – ECOLOGICAL INFORMATION

• European waste catalogue (EWC): Not available.

Hazardous waste:

Will not occur.

SECTION 14 – TRANSPORT INFORMATION

SECTION 15 – OTHER INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

D.O.T.: Not regulated.

IATA .: Not regulated.

IMDG: Not regulated.

US Federal Regulations

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D):

CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants):

CLEAN WATER ACT (RQ, 40 CFR):

Not applicable

Not applicable

Not applicable

SARA Title III:

Section 302 -304, 40 CFR 355: Components present in this product at a level which could require reporting are: none. Section 311 - 312: Components present in this product at a level which could require reporting are:

none. Section 313: Not applicable

TSCA Section 8(b) Inventory Status: All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.

AICS Inventory Status: All ingredients are listed on the Australia Inventory of Chemical Substances.

State Lists

This product does not contain any Proposition 65 chemicals.

This product is not classified according to the EU regulations.

SECTION 16-OTHER INFORMATION

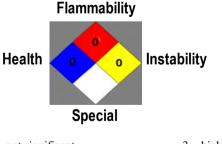
• Hazardous Material Information System (U.S.A.):

Health	0
Fire hazard	0
Reactivity	0
Personal protection	

Revisions:

Issue Date: 22-May-2014 Last Revision Date: 26-Aug-2016 Revision note: New format. updated Section 2,8,15,16.

Other Comments:



National Fire Protection Association (U.S.A.):



LentiBlast MSDS Last Revision: 25-Aug-2016

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