

Safety Data Sheet

Seraseq-Fusion RNA Mix v4

Doc. No.: SDS-Seraseq-Fusion RNA Mix v4

Rev. Number: 2

Rev. Date: Jun 14, 2024

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

1.1 Product Identifier

Product Description

Seraseq Fusion RNA Mix v4

Product Code

0710-0497

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

Recommended Use: Reference Reagent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

LGC Clinical Diagnostics, Inc

37 Birch Street

Milford, MA 01757

Phone #: (508) 244-6400

US Toll Free: (800) 676-1881

Fax #: (508) 634-3394

www.seracare.com

Email: CDx-CustomerService@LGCGroup.com

1.4 Emergency telephone number:

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

Account number: CCN12505

AUSTRALIA – POISONS INFORMATION CENTER Telephone: 13 11 26

CANADIAN TRANSPORT EMERGENCY CENTER Telephone: (1) 613 996 6666

SECTION 2: Hazards identification

Hazard Type

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment.

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

GHS Classification

Not Applicable:

The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment as per: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

In accordance Regulation (EC) No 1272/2008, this product is not classified.

Hazard Statements:

Not applicable

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Precautionary Statements:	Not applicable
Symbols and Indications of Danger:	Not applicable
Principle Route of Exposure:	Not Applicable
Acute Effects: Eye	May redness or irritation
Acute Effects: Skin:	Dry skin and irritation may occur
Acute Effects: Inhalation:	Not Available
Acute Effects: Ingestion:	Not Available
Chronic Effects:	Not Available
Additional Information:	Not Available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

Additional information: For the wording of the listed hazard phrases refer to section 15

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Wash contaminated clothing before re-use.

After inhalation: If inhaled, remove to fresh air. Seek medical attention if necessary.

After skin contact: In case of contact, immediately wash the contact area thoroughly with soap and large amounts of water.

After eye contact: Immediately flush eyes with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Obtain medical attention if redness, pain, or irritation occurs.

After swallowing: Avoid swallowing material. Rinse mouth. Refer for medical attention.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use extinguishing media appropriate for surrounding fire.

For safety reasons unsuitable extinguishing agents: No further relevant information.

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters

Protective equipment: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid prolonged contact with eyes, skin and clothing

6.2 Environmental precautions: No special environmental precautions required. Should not be released into the environment.

6.3 Methods and material for containment and cleaning up

Contain spill and then clean-up with copious amounts of water.

Clean up of spills requires no special equipment or procedures. Clean with copious amounts of water

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Handle as potentially infectious: Wear appropriate PPE. Refer to section 8.

Information about fire and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Stores labeled.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3 Specific end use(s) See section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

8.2 Exposure controls

Respiratory Protection: No special protection required.

Eye Protection: Safety glasses with side-shields or goggles.

Skin Protection: Wear protective gloves.

Body Protection Wear suitable protective clothing.

Control of Environmental Exposure: No controls required.

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke during use. Emergency eye wash stations and safety showers should be available in the immediate vicinity of any potential exposure.

8.3 Environmental exposure controls: None

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:	Clear solution
Physical State:	Liquid
Odor:	Not Available
Odor Threshold:	Not Available
pH:	8.0
Boiling Point:	Not Available
Evaporation Rate:	Not Available
Vapor Density:	Not Available
Vapor Pressure:	Not Available
Relative Density:	Not Available
Auto-Ignition Temperature:	Not Available
Water Solubility:	Dilutable
Flammability:	Not Available
Flash Point:	Not Available
Viscosity:	Not Available
Oxidizing Properties:	Not Available
Explosive Properties:	Not Available
Additional Parameters:	See Datasheet/Product Insert for other Product Information.

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Chemical Stability:** Stable under recommended storage conditions..
- 10.2 Conditions to avoid:** Not Available.
- 10.3 Incompatibility Materials to Avoid:** Not Available.
- 10.4 Hazardous Decomposition Products:** Not Available.
- 10.5 Hazardous Polymerization:** Will not occur.
- 10.6 Possibility of hazardous reactions:** Not Available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

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LD50 Oral: No Data Available
LD50 Dermal: No Data Available
LC50 Inhalation: No Data Available

Chronic Toxicity

Carcinogenicity: There are no known carcinogenic chemicals in this product.
Irritation: No Data Available
Corrosivity: No Data Available
Sensitization: No Data Available
Neurological Effects: No Data Available
Mutagenic Effects: No Data Available
Reproductive Effects: No Data Available
Developmental Effects: No Data Available
Target Organ Effects: No Data Available
Other adverse effects: Not Available

SECTION 12: Ecological information

- 12.1 Ecotoxicity:** Not Available
12.2 Persistence/Degradability: Not Available.
12.3 Mobility in Environmental Media: Not Available.
12.4 Bioaccumulation/ Accumulation: Not Available.

SECTION 13: Disposal considerations**13.1 Waste Disposal Method:**

Dispose of waste material in accordance with all local, regional, national, and international regulations.

Contaminated Packaging: Avoid contact with skin and clothing. Dispose of waste material in accordance with all local, regional, national, and international regulations.

US EPA Waste Number: Not Available.

SECTION 14: Transport information

- 14.1 DOT:** Not regulated
14.2 IATA: Not regulated
14.3 ADR (road)/ RID (rail): Not regulated
14.4 IMDG (sea): Not regulated
14.5 General Transport Regulations Not Available

SECTION 15: Regulatory information

This product is a mixture that does not contain any hazardous chemicals as required to be listed by 29 CFR 1910.1200 (OSHA HCS).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)

This product contains no chemicals which are subject to the reporting requirements of the Clean Air Act.

State Regulations**California Proposition 65:**

This product contains the following Proposition 65 chemicals	Not Listed
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State Right to Know Act

Chemical Name	Not Applicable
Massachusetts:	Not Applicable
New Jersey:	Not Applicable
Pennsylvania:	Not Applicable
New York:	Not Applicable
Rhode Island:	Not Applicable

International Inventories

Chemical Name	Not Applicable
TSCAL:	Not Applicable
DSL:	Not Applicable
NDSL:	Not Applicable
EINECS:	Not Applicable
CHINA:	Not Applicable
KECL:	Not Applicable
JAPAN:	Not Applicable
AICS:	Not Applicable

EU Regulations

Annex I Index#:	Not Applicable
Classification:	Not Applicable:

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GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Regulation (EC) No 1272/2008

Hazard Statements:	Not Applicable
Precautionary Statements:	Not Applicable
Symbols and Indications of Danger:	Not Applicable
Specific Concentration Limits:	Not Applicable

SECTION 16: Other Information

The above information is believed to be accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. LGC Clinical Diagnostics makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. LGC Clinical Diagnostics assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Safety Data Sheet.

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