



# Safety Data Sheet

Seraseq®-FFPE

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
Seraseq FFPE	0710-1031, 0710-1243, 0710-1247, 0710-1244, 0710-1248, 0710-1245, 0710-1249, 0710-1246, 0710-1250, 0710-0069, 0710-0104, 0710-0099, 0710-0103, 0710-0101, 0710-0100, 0710-0102, 0710-0105, 0710-1274, 0710-0118, 0710-0120, 0710-0121, 0710-0122, 0710-0123, 0710-0124, 0710-0119, 0710-1032, 0710-1279, 0710-0496, 0710-1307, 0710-1308, 0710-1309, 0710-1310, 0710-0137, 0710-1618, 0710-1619, 0710-1492, 0710-1710, 0710-2202, 0710-2236

**Hazardous Reagent**

None

**Hazardous Reagent Product code**

None

**Recommended Use:** Industry Specific Application

**Contact Manufacturer:** LGC/SeraCare Life Sciences, Inc.  
37 Birch Street,  
Milford, MA 01757  
910 Clopper Road  
Gaithersburg, MD 20878

**Phone #:** (508) 244-6400  
US Toll Free: (800) 676-1881

**Fax #:** (508) 634-3394**Web:** [www.seracare.com](http://www.seracare.com)**Email:** [CDx-CustomerService@LGCGroup.com](mailto:CDx-CustomerService@LGCGroup.com)**Emergency Telephone Numbers:**

AUSTRALIA – POISONS INFORMATION CENTER

Telephone: 13 11 26 - Hours: 24 hours

CANADIAN TRANSPORT EMERGENCY CENTER

Telephone: (1) 613 996 6666 - Hours: 24 hours/day, 7 days/week

UK – THE NATIONAL FOCUS

Telephone: (44) 029 2041 6388 - Hours: 09:00-17:00 GMT

USA - NATIONAL RESPONSE CENTER

Telephone: (1) 800 424 8802 - Hours: 24 hours/day, 7 days/week

**CHEMTREC:**

CHEMTREC Customer Number: - CCN12505\*  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN12505 or  
+1 703-527-3887 (collect calls accepted)

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

## 2. HAZARD IDENTIFICATION

**Hazard Type:** Not Known.

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

**GHS Classification:** Non-Regulated Material.

**Biological Hazard:** None.

**Hazard Statements:** Non-Regulated Material.

**Precautionary Statements:** Non-Regulated Material.

**Symbols and Indications of Danger:** Non-Regulated Material.

**Principle Route of Exposure:** Not Known.

**Acute Effects: Eye** Unknown.

**Acute Effects: Skin** Unknown.

**Acute Effects: Inhalation** Unknown.

**Inhalation Risk:** Unknown.

**Short-Term Exposure:** Unknown.

**Long-Term Exposure:** Unknown.

**Ingestion:** Unknown.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>Chemical</u>	<u>% Weight</u>	<u>CAS #</u>
Formalin Fixed Paraffin Embedded Cells	Proprietary	Proprietary	Proprietary

**GHS Classification:** The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.

## 4. FIRST AID MEASURES

**General Advice:** No special measures required.

**Oral Exposure:** If swallowed and symptoms occur, consult a doctor.

**Inhalation Exposure:** Supply fresh air; consult doctor in case of complaints.

**Skin Exposure:** If skin irritation occurs, consult a doctor.

**Eye Exposure:** If eye irritation occurs, consult a doctor. Rinse opened eye for several minutes under running water.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use fire fighting measures that suit the environment.

**Unusual Fire and Explosive Hazards:** No further relevant information.

**Flash Point:** No further relevant information.

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

<b>Auto Ignition Temperature:</b>	No further relevant information.
<b>Flammability Statement:</b>	No further relevant information.
<b>Specific Hazards Arising from the Chemical:</b>	No further relevant information.
<b>Protective Equipment and Precautions for Firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Not required.
<b>Environmental Precautions:</b>	Do not allow to enter sewers/surface or ground water.
<b>Method of Containment:</b>	Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations
<b>Method of Clean-up:</b>	Same as above.
<b>Other Information:</b>	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate PPE. Refer to Section 8. 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.
<b>Storage:</b>	Store as labeled.

## 8. EXPOSURE CONTROL

<b>Respiratory Protection:</b>	Not required.
<b>Eye Protection:</b>	Goggles recommended during refilling.
<b>Skin Protection:</b>	Wear protective gloves.
<b>Ingestion:</b>	Harmful if Swallowed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid
<b>Physical State:</b>	Clear
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not applicable
<b>Boiling Point:</b>	≥100 °C (≥212 °F)
<b>Evaporation Rate:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Vapor Pressure:</b>	@ 20 °C (68 °F):23 hPa (≤17.3 mm Hg)
<b>Relative Density:</b>	Not determined
<b>Auto-Ignition Temperature:</b>	Product is not self-igniting

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

<b>Water Solubility:</b>	96.5 %
<b>Flammability:</b>	Not applicable
<b>Flash Point:</b>	None
<b>Viscosity:</b>	Not determined
<b>Oxidizing Properties:</b>	Not determined
<b>Explosive Properties:</b>	Product does not present an explosion hazard
<b>Additional Parameters:</b>	See Datasheet/Product Insert for other Product Information

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	No further relevant information available
<b>Conditions to Avoid:</b>	No further relevant information available
<b>Incompatibility Materials to Avoid:</b>	No further relevant information available
<b>Hazardous Decomposition Products:</b>	No dangerous decomposition products known
<b>Hazardous Polymerization:</b>	No further relevant information available
<b>Possibility of Hazardous Reactions:</b>	No further relevant information available

## 11. TOXICOLOGY MEASURES

### Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. 50-00-0 Formaldehyde. The following toxicological information is for the hazardous ingredient in pure form.

<b>LD50 Oral:</b>	>200 mg/kg (Rat)
<b>LD50 Dermal:</b>	No irritating effect
<b>LC50 Inhalation:</b>	No irritating effect

### Chronic Toxicity

<b>Carcinogenicity:</b>	Formaldehyde
<b>Irritation:</b>	Not known
<b>Corrosivity:</b>	Not known
<b>Sensitization:</b>	Not known
<b>Neurological Effects:</b>	Not known
<b>Mutagenic Effects:</b>	Not known
<b>Reproductive Effects:</b>	Not known
<b>Developmental Effects:</b>	Not known
<b>Target Organ Effects:</b>	Not known
<b>Other adverse effects:</b>	Not known.

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

## 12. ECOLOGICAL MEASURES

<b>Ecotoxicity:</b>	No further relevant information available
<b>Persistence/Degradability:</b>	No further relevant information available
<b>Mobility in Environmental Media:</b>	No further relevant information available
<b>Bioaccumulation / Accumulation:</b>	No further relevant information available

## 13. DISPOSAL MEASURES

<b>Waste Disposal Method:</b>	Smaller quantities can be disposed of with household waste.
<b>Contaminated Packaging:</b>	Disposal must be made according to official regulations.
<b>US EPA Waste Number:</b>	Observe all federal, state and local environmental regulations when disposing of this material.

## 14. TRANSPORTATION MEASURES

<b>DOT:</b>	Non-Regulated Material
<b>IATA:</b>	Non-Regulated Material
<b>ADR (road)/ RID (rail):</b>	Non-Regulated Material
<b>IMDG (sea):</b>	Non-Regulated Material
<b>General Transport Regulations</b>	Non-Regulated Material

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required 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 chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372. SARA Section 311/312

### **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	The product contains Formaldehyde known to cause Cancer.
--	--

SDS-Seraseq-FFPE

Rev. Number: 7

Rev. Date: Oct 29, 2021

**State Right to Know Act**

<b>Chemical Name:</b>	Formaldehyde	<b>Glycerol</b>
<b>Massachusetts:</b>	Listed	Listed
<b>New Jersey:</b>	Listed	Listed
<b>Pennsylvania:</b>	Listed	Listed
<b>New York:</b>	Listed	Listed
<b>Rhode Island:</b>	Listed	Listed

**International Inventories**

<b>Chemical Name:</b>	Formaldehyde	<b>Glycerol</b>
<b>TSCAL:</b>	Listed	Listed
<b>DSL:</b>	Listed	Listed
<b>NDSL:</b>	Not Listed	Not Listed
<b>EINECS:</b>	Listed	Listed
<b>CHINA:</b>	Listed	Listed
<b>KECL:</b>	Listed	Listed
<b>JAPAN:</b>	Listed	Listed
<b>AICS:</b>	Listed	Listed

**EU Regulations**

<b>Annex I Index #:</b>	Not applicable
<b>Classification:</b>	Non regulated

**REACH (EU) 1907/2006**

The product does not contain SVHC substances per REACH

<b>Hazard Statements:</b>	Not Regulated
<b>Precautionary Statements:</b>	Not Regulated
<b>Symbols and Indications of Danger:</b>	Not Regulated
<b>Specific Concentration Limits:</b>	Limits for Formaldehyde

Eye Irrit. 2; H319: 5 % ≤ C < 25 %  
 STOT SE 3; H335: C ≥ 5 %  
 Skin Corr. 1B; H314: C ≥ 25 %  
 Skin Irrit. 2; H315: 5 % ≤ C < 25 %  
 Skin Sens. 1; H317: C ≥ 0,2 %

## 16. OTHER INFORMATION

### EU H-statements:

H300	Fatal if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
EUH032	Contact with acids liberates very toxic gas
EUH210	Safety data sheet available on request

**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 SeraCare Life Sciences 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 SeraCare 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.**