



Safety Data Sheet

Seraseq-MutMix

SDS-Seraseq-MutMix

Rev. Number: 2

Rev. Date: Jul 14, 2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
Seraseq Solid Tumor Mutation Mix-I (AF20)	1600-0098
Seraseq Tumor Mutation DNA Mix v2 AF10, RUO	0710-0094
Seraseq Tumor Mutation DNA Mix v2 AF7, RUO	0710-0095
Seraseq Tumor Mutation DNA Mix v2 AF4, RUO	0710-0096
Seraseq Tri-Level Tumor Mutation DNA Mix v2, RUO	0710-0097
Seraseq Tumor Mutation DNA Mix v2 AF10, IVD	0710-0082

Hazardous Reagent

None

Hazardous Reagent Product code

None

Recommended Use:

Reference Reagent

Contact

Manufacturer:

SeraCare Life Sciences
37 Birch Street
Milford, MA 01757

Phone #:

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

Fax #:

(508) 634-3394

Web:

www.seracare.com

Email:

customerservice@seracare.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)

2. HAZARD 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	<p>GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)</p> <p>Not Applicable:</p> <p>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)</p> <p>In accordance Regulation (EC) No 1272/2008, this product is not classified.</p>
Hazard Statements:	Not applicable
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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>	<u>Classification according to EC No. 1272/2008 and GHS - US</u>
	Not Applicable	Not Applicable	Not Applicable	Not Applicable

4. FIRST AID MEASURES

General Advice:	Wash contaminated clothing before re-use.
Oral Exposure:	Avoid swallowing material. Rinse mouth. Refer for medical attention.
Inhalation Exposure:	If inhaled, remove to fresh air. Seek medical attention if necessary.
Skin Exposure:	In case of contact, immediately wash the contact area thoroughly with soap and large amounts of water.
Eye Exposure:	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.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use extinguishing media appropriate for surrounding fire.
Unusual Fire and Explosive Hazards:	Not Available.
Flash Point:	Not Available
Auto ignition Temperature:	Not Available
Flammability Statement:	Not Available
Specific hazards arising from the chemical:	Not Available
Protective equipment and precautions for firefighters:	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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid prolonged contact with eyes, skin and clothing
Environmental Precautions:	No special environmental precautions required. Should not be released into the environment.
Method of Containment:	Contain spill and then clean-up with copious amounts of water.
Methods of Clean-up:	Clean up of spills requires no special equipment or procedures. Clean with copious amounts of water.
Other Information:	Not Available

7. HANDLING AND STORAGE

Handling:	Wear appropriate PPE. Refer to Section 8
Storage:	Store as labeled.

8. EXPOSURE CONTROL

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Not Available
Incompatibility Materials to Avoid:	Not Available
Hazardous Decomposition Products:	Not Available
Hazardous Polymerization:	Will not occur
Possibility of hazardous reactions:	Not Available

11. TOXICOLOGY MEASURES

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.

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

12. ECOLOGICAL MEASURES

Ecotoxicity: Not Available
Persistence/Degradability: Not Available
Mobility in Environmental Media: Not Available
Bioaccumulation/Accumulation: Not Available

13. DISPOSAL MEASURES

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

14. TRANSPORTATION MEASURES

DOT: Not regulated
IATA: Not regulated
ADR (road)/ RID (rail): Not regulated
IMDG (sea): Not regulated
General Transport Regulations Not Available

15. REGULATORY MEASURES

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 40n 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

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: 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) 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

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. 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. 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.