

SAFETY DATA SHEET

1. Identification	
1.1. GHS product identifiers	10X Preservative-Free ClearSort™ Sheath Fluid
Catalog Nos.	AE700713, AE700714
Product type	Mixture
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Recommended use	For In Vitro Diagnostic Use only.
1.3. Supplier Address Telephone, fax, Email	SONY BIOTECHNOLOGY INC. 1730 North First Street, San Jose, CA 95112 U.S.A. Voice: +1 800-275-5963, FAX: +1 408-352-4130 SBTcustomerservice@sonybiotechnology.com
1.4. Email address of person responsible for this SDS	SBTcustomerservice@sonybiotechnology.com
1.5. Emergency telephone number	US: +1 800-275-5963 (6:00 AM–5:30 PM PT, M–F)
2. Hazards Identification	
	This product contains an antibacterial/antifungal preservative (other than sodium azide).
2.1. OSHA/HCS status	This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety and Health Administration Hazard Communication Standard 29 CFR 1910.1200.
2.2. Classification	GHS-US Not Classified
2.3. Label Elements	GHS-US Labeling not applicable
2.4. Other Hazards	None under normal conditions.
Unknown acute toxicity	No data available.
3. Composition/Information on Ingredients	
3.1. Substance/mixture	Proprietary mixture
3.2. CAS numbers	7558-80-7/ Sodium Phosphate, Monobasic 7647-14-5/ Sodium Chloride 7558-79-4/ Sodium Phosphate, Dibasic
3.3. Chemical Formula	Exact formula not applicable to mixtures Trade secret formulation
4. First Aid Measures	
4.1. Description of first aid measures	
General	If exposed or concerned, get medical attention/advice. Show this safety data sheet to the attending doctor. Wash contaminated clothes prior to reuse. Never give anything to an unconscious person.
Eye contact	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses if present and easy to do so. Obtain medical attention if pain, blinking, or redness persists.

Inhalation	If inhaled, remove to fresh air. If not breathing, administer CPR. If breathing becomes difficult, give oxygen. If discomfort persists, seek medical attention.
Skin contact	In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician.
Ingestion	If swallowed, rinse mouth thoroughly. DO not induce vomiting without advice from poison control center or medical professional. Get medical attention/call poison control if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

General symptoms	Not expected to present a significant hazard under anticipated conditions of normal use.
Eye contact	May cause irritation.
Inhalation	May cause respiratory irritation.
Skin contact	May cause skin irritation.
Ingestion	May cause gastrointestinal irritation.

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

See toxicological information (Section 11)

5. Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Unsuitable extinguishing media	None known.

5.2. Specific hazards arising from the chemical
There are no unique chemical or reactivity hazards that would impact firefighting decisions due to the chemicals in this product.

5.3. Hazardous thermal decomposition products
Hazardous decomposition products formed under fire conditions: carbon oxides, sodium oxides, and phosphorus oxides.

5.4. Special protective actions for firefighters
Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. DO NOT dispose of firefighting water in the environment.

5.5. Special protective equipment for firefighters
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

General	No specific emergency measures are required other than good laboratory hygiene and safety practices.
Environmental precautions	Avoid release into the environment. Dispose of in accordance with all national, state, and local regulations.

6.2. Methods and materials for containment and cleaning up
Wipe up with damp sponge or mop. Dispose of in accordance with all national, state and local regulations. Wash spill area with soap and water.

Suitable cleaners:
Detergent or similar cleansing agent

7. Handling and Storage

7.1. Precautions for safe handling

Protective measures
Do not handle until all safety precautions have been read and understood. Use appropriate personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking, and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities
Store at room temperature. Do not freeze.

8. Exposure Controls / Personal Protection

8.1. Control parameters	No data available
8.2. Exposure controls	No data available
8.3. Individual protection measures	No specific emergency measures are required other than good laboratory hygiene and safety practices. Wear mask, gloves, safety glasses, and lab coat.

9. Physical and Chemical Properties

Physical state:	Solution
Appearance:	Clear liquid
Color:	Clear
Odor:	No data available
Odor threshold:	No data available
pH:	7.2–7.4
Relative evaporation rate:	No data available
Boiling point:	No data available
Melting point:	No data available
Freezing point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability:	No data available
Relative vapor density at 20°C:	No data available
Relative density:	No data available
Solubility:	Aqueous
Vapor pressure:	No data available
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Explosive limits:	No data available

10. Stability and Reactivity

10.1. Chemical stability	Stable
10.2. Conditions to avoid	Cell sorters and systems requiring a preservative-free buffer.
10.3. Incompatible materials	Strong oxidizers
10.4. Hazardous decomposition products	Not applicable
10.5. Hazardous polymerization products:	Not applicable

11. Toxicological Information

11.1. Information on toxicological effects	
Acute toxicity	Not classified
Dermal irritation/corrosion	Not classified—pH neutral
Serious eye damage/eye irritation	Not classified—pH neutral
Sensitization	Not classified
Mutagenicity conclusion/summary	Not classified
Carcinogenicity conclusion/summary	Not classified

Reproductive toxicity
conclusion/summary

Not classified

12. Ecological Information

13. Disposal Considerations

14. Transport Information

15. Regulatory Information

15.1. US Federal regulations

United States inventory (TSCA 8(b)): All components are listed or exempted.

16. Other Information

History

Date of issue/Date of revision 02/20/2024

Date of previous issue 04/23/2019 by supplier

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Prepared by Sony Biotechnology Inc.

This SDS was created in good faith based on our current knowledge at the time of creation and revision, but no warranty is made on the information, hazards, and toxicity data described. Prior to use, be sure to examine the latest information, rules, laws, and regulations of your country or region concerning hazards and harmful effects as well as regarding equipment to be used, and accord the highest priority to them.

The precautions described in this document assume normal handling of the product. When handling the product in an unconventional manner, be sure to take appropriate safety measures according to the situation and take sufficient precautions. All chemical products should be handled assuming the presence of "unknown hazards and harmful effects" and with the knowledge that such hazards will vary greatly depending on the usage environment, handling method, and conditions and period of storage. All handling of the product, including use, unpacking, storage, and disposal, should be performed only by specialists with professional knowledge and experience or under close supervision of such qualified specialists. It is the sole responsibility of the user to ensure and provide proper safe use conditions.

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