Safety Data Sheet

Section 1: Product and Company Identification

Product Identifiers

Product Name:	PSP Alert™ Water Test Kit
Catalog Number:	ALRT-PSP-KIT-W
Relevant Identified Uses	For research, laboratory, and pre-screening use only. Not for diagnostic, therapeutic, drug, household, or other unintended uses.
Ingredients Information	This product contains antibody of animal origin. Surfactants, such as Triton X100, and Bovine Serum Albumin (BSA) may be present in some reagents but are supplied at non-hazardous levels. See individual product insert for information and refer to guidance below.

Company Identifiers

Company:	Sensoreal Inc.
Address:	6674 Esplanade Avenue, Suite B, Montréal, Quebec, H2V 4L5, Canada
E-mail:	sales@sensoreal.com
Internet:	www.sensoreal.com

Section 2: Hazard Identification

Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Physical hazards	Not Hazardous
Health Hazards	Not Hazardous as supplied
Environmental Hazards	Not Hazardous
Additional information	Not applicable

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms	None
Signal word	None
Hazard Statements	Not Applicable

EU Specific Hazard Statements	Not Applicable

Precautionary Statements

Prevention:	Use standard laboratory precautions. Avoid ingestion, inhalation, and contact with skin or eyes.
Responses:	Wash exposed skin with soap and water. Rinse eyes with water if contact occurs. Seek medical attention if symptoms persist.
Storage:	Store as directed on the product insert or component labels.
Disposal	Dispose of contents and containers according to local, regional, and national regulations.
Other Hazards	This mixture does not contain substances known to be PBT or vPvB at reportable levels.

Section 3: Composition / Information on Ingredients

Substance: This substance is a mixture.

Mixture:

Component	CAS No.	EC No.	Classification	Concentration
Triton X-100	9036-19-5	618-344-0	H302; H318; H411	< 0.005%
Sodium phosphate dibasic	7558-79-4	231-448-7	Not hazardous at supplied concentration	0.1%
Dihydrogen potassium phosphate	7778-77-0	231-913-4	Not hazardous at supplied concentration	<0.05%
Potassium chloride	7447-40-7	231-211-8	Not hazardous at supplied concentration	<0.05%
Bovine Serum Albumin	7647-14-5	231-598-3	Not hazardous at this concentration.	2%

Section 4: First Aid Measures

General advice:	Consult a doctor and show this safety data sheet.
Eye contact:	Flush eyes with plenty of water for at least 10 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
Skin contact:	Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Get medical attention if discomfort persists.

If inhaled:	Remove to fresh air and monitor breathing. Give oxygen if breathing becomes difficult, give artificial respiration if breathing stops. Get medical attention if symptoms appear.
If ingested:	Rinse mouth thoroughly with water. 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.
Notes to physician:	No specific antidote. Medical staff must contact Poison Control Center. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 5: Fire-Fighting Measures

Extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special exposure hazards:	Nature of decomposition products is not known.
Precautions for fire-fighters:	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.
Further information:	Not available

Section 6: Accidental Release Measures

Personal precautions:	Immediately contact emergency personnel. Use suitable protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas. Dispose cloth in accordance with local disposal guidelines.
Environmental precautions:	Used test products/cassettes can be disposed of in proper garbage and avoid disposing liquid waste can be in waterways, drains and soil.
Cleaning up:	Absorb liquid spills with suitable inert material. Collect into a suitable container for disposal according to local, regional, or national regulations. Avoid creating aerosols or dusty conditions. Dispose of contaminated materials according to institutional laboratory waste procedures.

Section 7: Handling And Storage

Handling:	Do not ingest. Avoid contact with skin and eyes. Wash thoroughly after handling. Use according to product instructions and standard laboratory practices.
Storage:	Store as directed on the individual product insert or component labels.

Section 8: Exposure Controls/ Personal Protection

Personal Protective:	Safety glasses; Lab coat; Rubber or plastic gloves.

Engineering Controls:	Use in a laboratory setting with adequate ventilation. Ensure laboratory is equipped with a safety shower and eye wash station.

Section 9: Physical And Chemical Properties

Physical State:	Dry crystals and lyophilized powder
Odor:	Little to none
Solubility in water	All chemical reagents are miscible in water.
Additional information:	Not available.

Section 10: Stability and Reactivity

Chemical stability:	Stable under recommended transport and storage conditions.
Reactivity:	Stable under normal handling conditions.
Hazardous reactions:	Will not occur under normal storage, handling and use conditions.

Section 11: Toxicological Information

Inhalation:	There may be irritation of the throat or respiratory tract if aerosols, mist, or dried material are inhaled.
Ingestion:	There may be irritation of the mouth or throat. Ingestion of reagents should be avoided.
Skin:	There may be mild irritation at the site of contact.
Eyes:	There may be mild irritation and redness.
Additional Information:	Triton X-100, in concentrated form, may be harmful if swallowed, may cause skin irritation, and may cause serious eye irritation. In this kit, Triton X-100 is present only at trace, non-hazardous levels, approximately 5 µL per test and <0.005% overall.

Section 12: Ecological Information

Toxicity:	Concentrated Triton X-100 may be hazardous to aquatic life. Avoid dispersal of spilled material, runoff, and contact with soil, waterways, drains, and sewers.

Section 13: Disposal Considerations

Waste product:	Transfer unused reagents, used test devices, tubes, and contaminated materials to a suitable container and arrange for disposal in accordance with national, regional, or local legislation.
Contaminated Packaging:	Dispose of according to institutional, local, regional, or national waste disposal procedures.

Section 14: Transport Information

IATA / ADR /DOT-US / IMDG
Not regulated in the meaning of transport regulations.

UN Number	Not applicable for complete kit
UN proper shipping name	Not applicable for complete kit
Transport hazard class(es)	Not applicable for complete kit
Packing group	Not applicable for complete kit
Environmental hazards	Not applicable for complete kit
Special precautions for user	Not applicable for complete kit

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for complete kit

Note for Triton X100: Triton X-100 may be associated with UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S., Class 9, Packing Group III. In PSP Alert™ Water, Triton X-100 is present only at trace levels, approximately 5 µL per test and <0.005% overall. Based on the supplied quantity and concentration and under IATA Special Provision A197, the complete kit is not expected to be regulated as dangerous goods for transport and the Triton X100 does not exceed the small inner packaging volume limit.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances of Very High Concern
None.

Substances listed under Annex I of Regulation (EC) No 689/2008
None.

Restricted substances under Annex V of Regulation (EC) No 689/2008
None

Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC
None

German Water hazard classes (Wassergefährdungsklassen)
Not classified

Other International Inventories
No information available.

Chemical Safety Assessment
No chemical safety assessment has been carried out for the complete kit.

Section 16: Other Information

The information contained in this SDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s).

Note to Users:

For research and in vitro use only. Not for therapeutic, household, or clinical diagnostic use. Sensoreal Inc. provides this information in good faith and based on present knowledge. This SDS is provided without warranty of any kind. Sensoreal Inc. assumes no liability for the accuracy or completeness of the information contained herein. Final determination of suitability, handling, storage, transport, and disposal 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, Sensoreal Inc. cannot guarantee that these are the only hazards that exist. The recipient is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

End of Safety Data Sheet