



# SAFETY DATA SHEET

## SDS

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### 1. Identification

Product Name: Starswab II Bacteriology Culture Collection and Transport System with Modified Liquid Stuart's Date Issued : **April 20, 2015**

Product Numbers: SP132, SP132D, SP132-W, SP132-FL  
SP132-FL, SP132-FL-D

Intended Use: For the collection and transportation of biological specimens from the patient to laboratory.

Supplier: STARPLEX SCIENTIFIC INC. **PHONE NUMBER: 1-800-665-0954**  
50A STEINWAY BLVD, **FAX NUMBER: (416) 674-6067**  
ETOBICOKE ,ONTARIO,  
M9W 6Y3

Information Department: QA Technical Services

Emergency Information: In case of chemical emergency, spill, fire, exposure or accident, contact Starplex Scientific Inc. (416) 674-7474 or 1-800-665-0954.

### 2. Hazard(s) Identification

Information pertaining to particular dangers for man and the environment

#### Classification of the mixture

#### **Classification according to Directive 67/548/EEC or Directive 1999/45/EEC**

This product contains no hazardous constituents, or the concentration of all chemical constituents is below the regulatory threshold limits described in the Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, Canada's Workplace Hazardous Materials Information System (WHMIS) and the European Directive 67/548/EEC and 1999/45/EC.

### 3. Composition/Information on Ingredients

This product is a mixture of the substances listed below with the addition of non-hazardous materials.

<u>Ingredients</u>	<u>CAS No.</u>	<u>% of Medium (per litre)</u>	<u>Classification</u>
Calcium Chloride	10043-52-4	0.126 %	R36
Magnesium Chloride	7786-30-3	0.548 %	R36/37
Potassium Chloride	7447-40-7	0.1 %	R36
Sodium Thiosulfate	367-51-1	1.09 %	R21/22

### 4. First Aid Measures

General Information: No special measures required.

Ingestion: If swallowed seek medical attention if symptoms occur.

Inhalation: If inhaled seek medical attention if symptoms occur.

Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.



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Skin Contact: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before re-use. Seek medical attention if irritation develops.

### 5. Firefighting Measures

Extinguishing Media: Use CO<sub>2</sub>, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Protective Equipment: No special measures.

### 6. Accidental Release Measures

Personal Precautions: Personal protective equipment not required.  
Environmental Precautions: Wipe up with damp sponge or mop.  
Methods and Material for Containment and Clean-up: No special measures required.

### 7. Handling and Storage

Handling: No special measures required.  
Storage: Units should be stored at 4° - 25°C (40° -77°F) for optimal shelf life. Check expiration date.  
Information about storage in one common storage facility: Store away from oxidizing agents.  
Other Precautions: No special measures required.

### 8. Exposure Controls/Personal Protection

Components with limit values that require monitoring the workplace.

The Liquid Stuart's product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: The Personal Protective Equipment listed below supports general requirements for laboratory personnel. Follow the usual precautionary measures for handling microbiological products. Avoid contact with eyes, skin and clothing. Keep away from food and beverages. Wash hands before and after performing any work in the laboratory.

Personal Protective Equipment: **Breathing Equipment - N/A**  
**Hand Protection:** Use chemically resistant gloves or equivalent as required for aseptic technique  
**Eye Protection:** May wear safety glasses or goggles  
**Body Protection:** Wear lab coat

### 9. Physical and Chemical Properties

Appearance and Odour: Clear liquid contained in a sterile plastic capped vial. Characteristic odour.  
Boiling Point: Not determined      Density: Not determined      Flashpoint: Not applicable  
Melting Point: Not determined      Flammability: Not flammable      Solubility in Water: Insoluble  
Danger of Explosion: Does not present an explosion hazard  
pH: 7.25 +/- 0.25@ 25°C      Solvent Content: Organic solvents 0.0%      Solids Content: 100.0%



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### 10. Stability and Reactivity

Thermal decomposition/ Conditions to be Avoided: No decomposition if used according to specifications.  
Incompatibility: Incompatible with strong oxidizers.  
Hazardous decomposition or by products: No dangerous decomposition products known.

### 11. Toxicological Information

Irritant: No irritating effect on eyes, skin and mucous membranes      Sensitization: No sensitizing effects known  
Additional toxicological information: This product is not subject to OSHA classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to historical information and experience.

### 12. Ecological Information

Aquatic Toxicity: No further relevant information available.  
Ecotoxicological Effects: The ecological effects have not been thoroughly investigated, but currently none have been identified.

### 13. Disposal Considerations

Waste Disposal Method: Disposal of inoculated tubes should comply with provincial, state and local laws.  
Autoclave at 121°C or immerse in a bacteriocidal solution and dispose in a biohazard bag.

### 14. Transport Information

DOT Regulations: Not regulated      TDG (Transport dangerous goods): Not regulated  
Maritime Transport IMDG: Not regulated      Marine Pollutant : No  
Air Transport ICAO-TI/ IATA-DGR: Not regulated

### 15. Regulatory Information

SARA Section 355 ( extremely hazardous substances): None of the ingredients are listed  
SARA Section 313 ( specific toxic chemical listings): None of the ingredients are listed  
TSCA ( Toxic Substance Control Act): 10043-52-4 Calcium Chloride  
Carcinogenic Categories: NTP ( National Toxicology Program): None of the ingredients is listed  
TLV ( Threshold Limit Value established by ACGIH): None of the ingredients are listed  
Canadian Substance Listings: Canadian Domestic Substance List (DSL): 10043-52-4 Calcium Chloride  
Canadian Ingredient Disclosure List ( Limit 0.1%): None of the ingredients are listed  
Canadian Ingredient Disclosure List ( Limit 1.0%): None of the ingredients are listed



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### 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither Starplex Scientific Inc. nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information. Final determination of suitability of any material 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, we cannot guarantee that these are the only hazards that exist.*

**Department issuing MSDS: Quality Assurance**

**Contact: QA Technical Specialist**

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