



# SAFETY DATA SHEET

## SPS-1® (UW Solution) Static Preservation Solution

### Section 1: Identification

**Product Name:** SPS-1 (UW Solution) Static Preservation Solution  
**Chemical Name/Synonyms:** UW Solution  
**Company:** Organ Recovery Systems, Inc.  
 One Pierce Place, Suite 475W  
 Itasca, IL 60143

**In emergency, call 911.**  
**For information about this SDS, call 847-824-2600.**

### Section 2: Hazard(s) Identification

**This product is not classified as hazardous according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and US Regulation 29 CFR 1910.1200.**

**Hazardous Ingredients including Paints, Preservatives and Solvents:** Not applicable  
**Hazardous Ingredients including Alloys and Metallic Coatings:** Not applicable  
**Hazardous Mixtures of other Liquids, Solids or Gases:** None Identified

### Section 3: Composition/ Information on Ingredients

**Chemical Family:** Mixture of Salts and Carbohydrates

**Ingredients:**

Chemical Name	CAS#	Concentration
Hydroxyethylstarch (Pentafraction)	9005-27-0	50 g/L
Lactobionic Acid (as Lactone)	96-82-2	35.83 g/L
Potassium Phosphate (monobasic)	7778-77-0	3.4 g/L
Magnesium Sulfate heptahydrate	10034-99-8	1.23 g/L
Raffinose pentahydrate	17629-30-0	17.83 g/L
Adenosine	58-61-7	1.34 g/L
Allopurinol	315-30-0	0.136 g/L
L-Glutathione	70-18-8	0.922 g/L
Potassium Hydroxide	1310-58-3	5.61 g/L
Water for Injection (WFI)	7732-18-5	QS

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### Section 4: First-Aid Measures

**In case of skin contact:** Wash immediately with soap and water. Get medical attention if irritation develops and persists.

**In case of eye contact:** Rinse immediately with water. Get medical attention if irritation develops and persists.

**In case of ingestion:** Clean mouth with water and drink plenty of water. If you feel unwell, seek medical advice. Do not induce vomiting without medical advice.

**If inhaled:** No special precautions required.

**Most important symptoms and effects:** No information available.

**Notes to physician:** No information available.

### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Water spray, dry powder, foam

**Special protective equipment for firefighters:** No information available.

### Section 6: Accidental Release Measures

**Personal precautions:** Use appropriate personal protective equipment.

**Measures for environmental protection:** Prevent product from entering drains.

**Measures for cleaning/collecting:** Contain spillage and collect with non-combustible, absorbent material for disposal according to local / national regulations.

### Section 7: Handling and Storage

**Handling:** No special precautions required.

**Storage:** Store indoors at temperatures between 2°C and 25°C (36°F and 77°F.) The solution should not be frozen or exposed to excessive heat (temperatures exceeding 51°C / 124°F). It should also be stored in a dry place away from direct sunlight.

### Section 8: Exposure Controls/Personal Protection

**This product contains no substances with occupational exposure limit values.**

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### Section 9: Physical and Chemical Properties

**Form:** Aqueous solution  
**Odor:** Odorless  
**Odor threshold:** No data available  
**pH:** 7.3- 7.5  
**Melting point/melting range:** No data available  
**Boiling point/boiling range:** 100°C (212°F)  
**Flash point:** No data available  
**Evaporation rate:** No data available  
**Flammability:** No data available  
**Upper/lower flammability or explosive limits:** No data available  
**Auto ignition temperature:** No data available  
**Danger of explosion:** No data available  
**Vapor pressure:** No data available  
**Vapor density:** No data available  
**Relative density:** No data available  
**Solubility in/Miscibility with water:** Soluble

### Section 10: Stability and Reactivity

**Reactivity:** Stable under normal conditions  
**Chemical stability:** No data available  
**Conditions to avoid:** No data available  
**Incompatible materials:** Strong oxidizing agents  
**Hazardous decomposition products:** No hazardous decomposition when stored normally.

### Section 11: Toxicological Information

No component in this product present at levels greater than or equal to 0.1% is identified as toxic, carcinogenic, mutagenic or sensitizing.

### Section 12: Ecological Information (non-mandatory)

**Ecotoxicity:** No data available  
**Mobility:** No data available  
**Biodegradation:** No data available  
**Bioaccumulation:** No data available

### Section 13: Disposal Considerations (non-mandatory)

Dispose of in accordance with local and national regulations.

### Section 14: Transport Information (non-mandatory)

No data available.

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### Section 15: Regulatory Information (non-mandatory)

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

##### SARA 311/312 Hazards

See above: SECTION 2. Hazard identification-GHS Classification

##### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 313

This product does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOCs (40 CFR 60.489).

#### Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act, Section 307.

### Section 16: Other Information

**SDS date of preparation/update:** 01 FEB 2021

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.