MATERIAL SAFETY DATA SHEET

(Effective date: April 27, 2004)

SECTION I. MANUFACTURER AND PRODUCT

Manufactured by: SAGE IVF, Inc.
1979 E. Locust St.
Pasadena, CA 91107

Product: **Name:** **Phosphate Buffered Saline**
Without calcium, magnesium, glucose or pyruvate
Cat. No: **4011**

Description: An aqueous, isotonic mixture of simple organic and inorganic salts and simple carbohydrates at neutral pH intended for *in-vitro* procedures with mammalian gametes and embryos.

SECTION II. PHYSICAL DATA

Boiling Point: n/av
Melting Point: n/av
Vapor Pressure: n/av
Appearance: Colorless, particle free liquid
Specific Gravity: 1.0
Vapor Density: n/av
Evaporation Rate: n/av
Solubility: n/a

SECTION III. HAZARDOUS INGREDIENTS

Contains no known hazardous ingredients at the concentrations used for manufacture.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Fire Hazard: Non-flammable
Extinguishing Media: Water, CO_2 or any other media suitable for extinguishing fire
Special Fire Fighting Procedures: None
Unusual fire and Explosion Hazards: None

SECTION V. HEALTH HAZARD DATA

Toxicity data: LD_{50} not established for this product.
Effects of Overexposure: Not established for this product

Emergency and First Aid Procedures: In case of eye contact, flush with copious quantities of water. In case of serious hypersensitivity reaction, rush for immediate medical attention. If swallowed, wash out mouth with water provided the person is conscious. Call a physician.

SECTION VI. REACTIVITY DATA

Stability: Stable
Conditions to avoid: Do not expose product to elevated temperatures (above 40°C) for extended periods. Store product at 2- 8°C when not being used
Incompatibility: n/a
Hazardous Decomposition Products: n/a
Hazardous Polymerization: Will not occur

SECTION VII. SPILL OR LEAK PROCEDURES

Spills: Use absorbent material to mop up spill. Wash area with water.
Waste Disposal: Dispose of in an approved land fill or incinerate providing local environmental regulations permit.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: None Required.
Ventilation: Local exhaust adequate; mechanical recommended
Protective Gloves: Rubber gloves
Eye Protection: Chemical safety goggles
Other Protective Equipment: Overalls, etc.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Avoid any unnecessary contact with skin, eyes or mucus membranes. Do not mouth pipette. Store in cold room (2 - 8°C).

SECTION X. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with existing disposal practices employed at your institution. Observe all federal, state and local environmental regulations.

SECTION XI. DISCLAIMER

The above information is believed to be correct and reported in good faith. The information shall not be taken as being all inclusive and is to be used only as a guide with caution. SAGE IVF, Inc.shall not be held liable for any damage resulting from handling or from contact with the above product.

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DOCUMENT HISTORY REVISION

DCN Number	Revision Number	Effective Date	Nature of Revision
04-010	New	3/1/98	1. Add Particle free and delete clear. 2. Change Biopharma to IVF 3. Change to CooperSurgical-SAGE letterhead. 4. Remove respiratory protection, not required for liquid products.