

MATERIAL SAFETY DATA SHEET

(Effective date: 4-27-04)

SECTION I. MANUFACTURER AND PRODUCT

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

Product: **Name:** **Quinn's Advantage™ Protein Plus Blastocyst Medium**
Cat. No: **1529**

Description: An aqueous, isotonic, complex mixture of organic and inorganic salts and simple carbohydrates, at neutral pH intended for *in-vitro* mammalian cell culture. Contains 5 mg/mL plasma protein fraction, and 0.010 mg/mL gentamicin 0.003 mg/mL phenol red as a pH indicator.

SECTION II. PHYSICAL DATA

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|---|------------------------|
| Boiling Point: n/av | Specific Gravity: n/av |
| Melting Point: n/av | Vapor Density: n/av |
| Vapor Pressure: n/av | Evaporation Rate: n/av |
| Appearance: Pink-rose color, particle free liquid | Solubility: n/a |

SECTION III. HAZARDOUS INGREDIENTS

Contains the aminoglycoside, gentamicin sulfate. This broad spectrum antibiotic has been associated with nephrotoxicity and/or ototoxicity when administered i.v. and serum concentrations are maintained at static levels above 10 mcg/mL for extended periods. Contains 5mg/mL plasma protein fraction a derivative of human blood and a potentially biohazardous material. All donors used in its manufacture were individually tested and found to be nonreactive for hepatitis B surface antigen (HBsAg) and antibodies to hepatitis C virus (HCV) and human immunodeficiency virus (HIV) by approved testing methods. Donors of the source material have been screened for Creutzfeldt-Jakob disease (CJD). Based on effective donor screening and product manufacturing processes, it carries an extremely remote risk for transmission of viral diseases. A theoretical risk for transmission of CJD is also considered extremely remote. No cases of transmission of viral disease or CJD have ever been identified for plasma protein fraction.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Fire Hazard: Non-flammable
Extinguishing Media: Water, CO₂ 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: LD₅₀ not established for this product.

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DOCUMENT HISTORY REVISION

| DCR Number | Revision Number | Effective Date | Nature of Revision |
|-----------------------|----------------------------|---------------------------|---------------------------|
| 04-010 | New | 4-27-04 | New document |