

MATERIAL SAFETY DATA SHEET
(Effective date: January 1, 1997)

SECTION I.

MANUFACTURER AND PRODUCT

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Manufactured for Conception Technologies by:

Advanced Reproductive Technologies, Inc.
San Clemente, CA 92673

Product:

Name: Hyaluronidase, 80 U/mL in HEPES-HTF
Cat. No: HYA

Description: An aqueous, isotonic, complex mixture of organic and inorganic salts, simple carbohydrates, and amino acids, at neutral pH and the enzyme, hyaluronidase, that randomly attacks the hexosaminidic linkage of hyaluronic acid, the glycosaminoglycan that makes up the extracellular matrix of certain cells and tissues, including the cumulus cells surrounding mammalian oocytes. Also contains 0.010 mg/mL gentamicin, 0.003 mg/mL phenol red as a pH indicator, and 5 mg/mL human serum albumin.

SECTION II.

PHYSICAL DATA

| | |
|--------------------------------------|------------------------|
| Boiling Point: n/av | Specific Gravity: 1.0 |
| Melting Point: n/av | Vapor Density: n/av |
| Vapor Pressure: n/av | Evaporation Rate: n/av |
| Appearance: Pink color, clear 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 5.0 mg/mL human serum albumin, a potentially biohazardous material.

SECTION IV.

FIRE AND EXPLOSION HAZARD DATA

Fire Hazard: Non-flammable
Extinguishing Media: Water, CO₂ or 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.
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.

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Toxicity data for human serum albumin have not been thoroughly investigated. This material should be treated as a potentially biohazardous product.

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 or below -20°C upon receipt. After thawing, unused product can be kept refrigerated at 2° - 8°C when not in use.
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: Disposed of in an approved land fill or incinerate providing local environmental regulations permit.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/MSHA approved mechanical dust/mist cartridge respirator.
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 the product at or below -20°C upon receipt. After thawing, unused product can be kept refrigerated at 2° - 8°C. Individuals with previous history of allergy to antibiotics and/or asthma, should avoid potential exposure.

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. Neither Conception Technologies nor Advanced Reproductive Technologies, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.