

373020 (Abraxis MSDS requested)

8/24/05  
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AMERICAN REGENT, INC.  
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: VASOPRESSIN INJECTION, USP, SYNTHETIC

MANUFACTURER: LUITPOLD PHARMACEUTICALS, INC.  
PO BOX 9001  
SHIRLEY, NY 11967

EMERGENCY  
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SECTION I: IDENTITY

Common Name - Vasopressin  
Chemical Name - cysteinyl-tyrosyl-phenylalanyl-glutaminyl-asparagenyl-cysteinyl-prolyl-arginyl-glycylamide  
Chemical Family - Antidiuretic  
Chemical Formula -  $C_{46}H_{65}N_{15}O_{12}S_2$   
CAS No. - 113-79-1

SECTION II: HAZARDOUS INGREDIENTS/ACTIVE INGREDIENTS

<u>COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Vasopressin	Not Established	Not Established

SECTION III: PHYSICAL & CHEMICAL CHARACTERISTICS

DESCRIPTION: Vasopressin Injection, USP, Synthetic is a sterile, aqueous solution of Synthetic Vasopressin with chlorobutanol, acetic acid in Water for Injection (pH 2.5 - 4.5).

Appearance & Odor - Clear, colorless solution; odorless  
Boiling Point - N/A  
Solubility in Water - Soluble  
Vapor Pressure - N/A  
Vapor Density - N/A

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**SECTION IV: FIRE & EXPLOSION DATA**

Flash Point - N/A

Extinguisher Media - Water spray, carbon dioxide, dry chemical, or foam as appropriate for surrounding fire and materials.

Flammable Limits - (LEL) - N/A  
(UEL) - N/A

Unusual Fire and Explosion Hazards - Emits toxic fumes.

Hazardous Decomposition Products - Vasopressin emits toxic fumes when heated to decomposition.

Special Fire Fighting Procedures - Firefighters should use self-contained breathing apparatus and protective clothing.

**SECTION V: REACTIVITY DATA**

Stability - Stable

Conditions/Materials to Avoid - Exposure to light, air and moisture may cause decomposition. Do not mix with other drugs.

Hazardous Polymerization - Will not occur

**SECTION VI: HEALTH HAZARD DATA**

Primary Routes of Exposure - Inhalation, Ingestion, and Skin Absorption.

Chemical Listing as Carcinogen

National Toxicology Program - No

IARC Monographs - No

OSHA - No

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**Hazards**

Absorption from mucus membranes, antidiuretic effect, hypersensitivity reactions.  
Constriction of coronary arteries. Contraction of smooth muscle.

**Emergency & First Aid Procedures**

**Inhalation:** Remove person to fresh air. Remove contaminated clothing. Seek medical attention.

**Ingestion:** Flush mouth out with water. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Flush area with water. Seek medical attention.

**Eye Contact:** Flush with water. Seek medical attention.

**FOR ADDITIONAL INFORMATION, REFER TO THE PRODUCT INSERT.**

**SECTION VII: PROTECTIVE EQUIPMENT DATA**

Ventilation - Local exhaust recommended

Respiratory Protection- N/A, however, NIOSH-approved respirator should be available.

Eye Protection - Safety Goggles

Gloves - Disposable surgical latex gloves

Clothing - Disposable protective apparel (protect exposed skin).

**SECTION VIII: STORAGE & HANDLING DATA**

Precautions - As a general rule, when handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mists, and/or vapors associated with the product.

Do not mix with other drugs.

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## SECTION IX: ACCIDENTAL SPILL PROCEDURES/WASTE DISPOSAL DATA

Containment/Clean-up - Wear recommended personal protective equipment. Vacuum spillage with a vacuum cleaner having a high efficiency particulate (HEPA) filter, or absorb liquid with paper towels. Wipe working surfaces to dryness, then wash with soap and water.

Waste Disposal - Though not EPA regulated, waste should be disposed of in accordance with federal, state, and local regulations. Do not mix with other substances.

NOTICE: The information contained herein is believed to be complete and accurate. However, it is the user's responsibility to determine the suitability of the information for his or her particular purpose. Luitpold Pharmaceuticals, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on, this information.

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