



**OXYTOCIN INJECTION**

Date Prepared: Jan 1, 1994

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: Oxytocin                      Syntocin                      Oxystin

General Use: Hormone

**MANUFACTURER**

Fujisawa USA, Inc.  
3 Parkway North  
Deerfield, Il 60015-2548  
(708) 317- 8800

**EMERGENCY TELEPHONE NUMBERS:**

Medical (708) 317-8202 7am - 4pm (M-F)  
(800) 727-7003 24 Hours Everyday

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Component:

***Chlorobutanol***

CAS Registry #

57158

OSHA Pel:    NE mg/m3

OSHA Pel:    NE ppm

ACGIH TLV:    NE mg/m3

ACGIH TLV:    NE ppm

STEL:            NE mg/m3

STEL:            NE ppm

Percent of Product: 0.5%

Note: NA

Component:

***Oxytocin***

CAS Registry #

50566

OSHA Pel:    NE mg/m3

OSHA Pel:    NE ppm

ACGIH TLV:    NE mg/m3

ACGIH TLV:    NE ppm

STEL:            NE mg/m3

STEL:            NE ppm

Percent of Product: NG

Note: NA

Component:

***Water for Injection***

CAS Registry #

7732185

OSHA Pel:    NE mg/m3

OSHA Pel:    NE ppm

ACGIH TLV:    NE mg/m3

ACGIH TLV:    NE ppm

STEL:            NE mg/m3

STEL:            NE ppm

Percent of Product: NG

Note: pH Adjusted

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## **3. HAZARD IDENTIFICATION**

**PRIMARY ROUTES OF EXPOSURE** - Inhalation, Eye/Skin Absorption and Ingestion.  
**CHEMICAL LISTING AS CARCINOGEN: (NO)**  
National Toxicology Program, IARC Monographs, OSHA

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## **4. EMERGENCY AND FIRST AID PROCEDURES**

**Inhalation:** Move person to fresh air immediately. Give artificial respiration and Cardiopulmonary Resuscitation (CPR) if required. Seek medical attention.

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

**Skin Contact:** Remove contaminated clothing immediately. Flush area with water for at least 15 minutes. Seek medical attention.

**Eye Contact:** Immediately flush with water for at least 15 minutes. Seek medical attention.

For Adverse Drug Reaction Information call (708) 317- 5937.

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## **5. FIRE FIGHTING MEASURES**

**Fire and Explosion Data:**

Closed Cup Flash Pt.	>200 F (estimated)
Open Cup Flash Pt.	NE
Fire Point	NE
Autoignition	NE
Lower Explosion Limit	NE
Upper Explosion Limit	NE

**GENERAL HAZARD:** When heated to decomposition it emits toxic fumes.

**FIRE FIGHTING INSTRUCTION:** Water spray, dry chemical, carbon dioxide or foam as appropriate.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, and fumes of SO<sub>x</sub> and NO<sub>x</sub>.

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## **6. ACCIDENTAL RELEASE MEASURES**

**CLEAN-UP:** Wear recommended personal protective equipment. Use absorbent towels or booms to clean-up spill. Wipe surfaces clean and wash with soap and water.

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### **7. HANDLING AND STORAGE**

When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product.

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **ENGINEERING CONTROLS:**

General room ventilation is usually satisfactory, use local exhaust ventilation when necessary.

#### **PERSONAL PROTECTION:**

Respirators - With satisfactory ventilation, respiratory protection not usually required.

Eyes - Safety glasses or goggles recommended.

Gloves - Disposable latex gloves recommended.

Clothing - Disposable garments if direct skin contact is anticipated.

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Odor other characteristics: Clear, colorless, odorless solution.

Boiling Point:	NE	Vapor Density:	NE
Melting Point:	NE	Percent Volatiles:	NE
Freezing Point:	NE	pH:	2.5-4.5
Vapor Pressure:	NE	Molecular Weight:	1006.0
		Solubility:	Water

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### **10. STABILITY AND REACTIVITY**

Stability - Stable.

Conditions/Materials to Avoid - Do not permit to freeze.

Hazardous Polymerization - Will not occur.

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### **11. TOXICOLOGICAL INFORMATION**

#### **SIGNS & SYMPTOMS OF OVEREXPOSURE MAY INCLUDE:**

This product is intended for therapeutic use only when prescribed by a physician. Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Occupational exposure has not been fully investigated.

**MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:** Pre-existing skin and respiratory conditions.

**IMMEDIATE EFFECTS:** Eye, skin and respiratory irritation may occur.

**DELAYED EFFECTS:** None Known.

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### **12. TRANSPORT INFORMATION**

UN/NA Number: NA  
DOT Hazard Class: NA  
Shipping Name: NA  
Shipping Label: NA

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### **13. WASTE DISPOSAL**

Waste Disposal - Dispose of in accordance with federal, state and local regulations.

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### **14. OTHER INFORMATION**

The information contained herein pertains to this material. It is the responsibility of each individual party to determine for themselves the proper means of handling and using these materials based on their purpose and intended use. This material safety data sheet does not constitute the guaranty or specification of the product.

#### **KEY TO ABBREVIATIONS:**

NE Not Established  
NA Not Applicable  
NG Not Given  
ACGIH American Conference of Governmental Industrial Hygienists  
TLV Threshold Limit Value  
OSHA Occupational Safety and Health Administration  
PEL Permissible Exposure Level  
STEL Short Term Exposure Level  
PPM Parts Per Million  
IARC International Agency for Research on Cancer

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Medical and Scientific Information