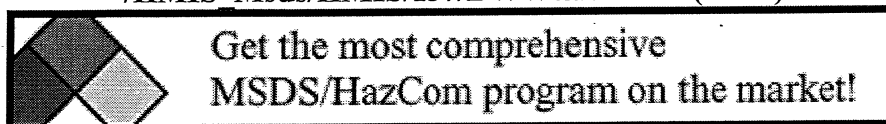


/HMIS Msds/HMIS/137/BWWYN.HTM (3 hits)




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**BRETYLIUM TOSYLATE**

Product and Company Identification  
Composition/Information on Ingredients  
Hazards Identification  
First Aid Measures  
Fire Fighting Measures  
Accidental Release Measures  
Handling and Storage  
Exposure Controls/Personal Protection

Physical and Chemical Properties  
Stability and Reactivity  
Toxicological Information  
Ecological Information  
Disposal Considerations  
Transport Information  
Regulatory Information  
Other Information / Hazmat Info / Hazcom Label

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## MSDS Safety Information

[TOP](#)

FSC: 6505

MSDS Date: 02/19/1988    MSDS Num: BWWYN

Submitter: F BT

LIIN: 00F039430

Tech Review: 04/11/1995

Status CD: C

Product BRETYLIUM TOSYLATE  
ID:

MFN: 01

Article: N

Kit N  
Part:

Responsible Party    Cage: GO395

Name: FUJISAWA INC (FORMERLY LYPHOMED INC)

Address: 2020 RUBY

Box: N/K

City: MELROSE PARK

State: IL

Zip: 60160-5000

Country: US

Info Phone Number: 708-450-7569/7500

Emergency Phone Number: 708-450-7569/7500

Preparer's Name: N/P

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

Preparer Co. when other than Responsible Party Co.

[TOP](#)

Cage: GO395

Assigned Ind: Y

**Name:** FUJISAWA INC (FORMERLY LYPHOMED INC)  
**Address:** 2020 RUBY **Box:** N/K  
**City:** MELROSE PARK **State:** IL **Zip:** 60160-5000

**Contractor Summary** [TOP](#)

**Cage:**GO395 **Name:**FUJISAWA INC (FORMERLY LYPHOMED INC)  
**Address:**2020 RUBY **Box:**N/K  
**City:**MELROSE PARK **State:**IL **Zip:**60160-5000  
**Country:**US **Phone:**708-450-7569/7500

**Cage:**60567 **Name:**LYPHOMED INC DIV OF FUJISAWA USA INC  
**Address:**2020 RUBY ST **State:**IL **Zip:**60160-1112  
**City:**MELROSE PARK **Phone:**312-345-6170  
**Country:**US

**Ingredients** [TOP](#)

**Cas:** 61-75-6 **Code:** M **RTECS #:** BO9450000 **Code:** M

**Name:** BRETILUM TOSYLATE \*95-1\*

**% Text:** N/K **Environmental Wt:**  
**Other REC Limits:** N/K

OSHA PEL: N/K	<b>Code:</b> M	OSHA STEL:	<b>Code:</b>
ACGIH TLV: N/K	<b>Code:</b> M	ACGIH N/P STEL:	<b>Code:</b>
EPA Rpt Qty:		DOT Rpt Qty:	

**Ozone Depleting Chemical:**

**Health Hazards Data** [TOP](#)

**LD50 LC50 Mixture ORAL LD50(MOUSE):** 400 MG/KG

<b>Route Of Entry Inds - Inhalation:</b> YES	<b>Skin:</b> YES	<b>Ingestion:</b> YES
<b>Carcinogenicity Inds - NTP:</b> NO	<b>IARC:</b> NO	<b>OSHA:</b> NO

**Health Hazards Acute And Chronic**

EYES, SKIN/RESPIRATORY TRACT IRRITATION. MILD CONJUNCTIVITIS.

**Explanation Of Carcinogenicity**

NONE

**Signs And Symptions Of Overexposure**

IRRITATION, ABDOMINAL PAIN, DIARRHEA, NAUSEA, VOMITING, BRADYCARDIA, HICCUPS, NASAL CONJESTION, FEVER, SWEATING, FLUSHING, RASH

**Medical Cond Aggravated By Exposure**

N/K

**First Aid Information**TOP

INHALATION: REMOVE TO FRESH AIR. INGESTION: FLUSH MOUTH OUT W/WATER. SKIN/EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures**TOP

WEAR PERSONAL PROTECTIVE EQUIPMENT. VACUUM W/VACUUM CLEANER HAVING A HIGH EFFICIENCY PARTICULATE (HEPA) FILTER/ABSORB LIQUID W/PAPER TOWELS. WIPE WORKING SURFACES TO DRYNESS, THEN WASH W/SOAP &amp; WATER.

**Neutralizing Agent**

N/K

**Waste Disposal Methods**TOP

WASTE SHOULD BE DISPOSED OF IN ACCORDANCE W/LOCAL, STATE &amp; FEDERAL REGULATIONS.

**Handling and Storage Precautions**TOP

N/K

**Other Precautions**

WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL CONTACT &amp; INHALATION OF DUST, FUMES, MISTS/VAPORS ASSOCIATED W/THE PRODUCT.

**Fire and Explosion Hazard Information**TOP

Flash Point Method: N/P

Flash Point:

Flash Point Text: N/K

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: N/R

Upper Limits: N/R

**Extinguishing Media**

WATER SPRAY, DRY CHEMICAL, CO2/FOAM AS APPROPRIATE FOR SURROUNDING FIRE &amp; MATERIALS.

**Fire Fighting Procedures**

USE SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard**

EMITS TOXIC FUMES WHEN HEATED TO DECOMPOSITION.

**Control Measures**

TOP

**Respiratory Protection**

USE NIOSH APPROVED RESPIRATOR

**Ventilation**

LOCAL EXHAUST

**Protective Gloves**

DISPOSABLE SURGICAL LATEX

**Eye Protection**

SAFETY GOGGLES

**Other Protective Equipment**

DISPOSABLE PROTECTIVE APPAREL

**Work Hygienic Practices**

REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health**

BRETILIUM TOSYLATE INJECTION IS A STERILE, NONPYROGENIC SOLUTION OF BRETILIUM TOSYLATE IN WATER FOR INJECTION.

**Physical/Chemical Properties**

TOP

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text: N/K**

**Melt/Freeze Pt:**

**M.P/F.P Text: N/K**

**Decomp Temp:**

**Decomp Text: N/K**

**Vapor Pres: N/K**

**Vapor Density: N/K**

**Volatile Org Content %:**

**Spec Gravity: N/K**

**VOC Pounds/Gallon:**

**PH: 4.5-7**

**VOC Grams/Liter:**

**Viscosity: N/P**

**Evaporation Rate & N/K**

**Reference:**

**Solubility in Water: COMPLETE**

**Appearance and Odor: CLEAR, COLORLESS SOLUTION W/NO ODOR**

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

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Seton Resource Center

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Allow access to non-virtual folders: 0

Reactivity Data

[TOP](#)

Stability Indicator: YES

Stability Condition To Avoid: FREEZING, EXPOSURE TO LIGHT

Materials To Avoid: N/K

Hazardous Decomposition TOXIC FUMES

Products:

Hazardous Polymerization NO

Indicator:

Conditions To Avoid N/K

Polymerization:

Toxicological Information

[TOP](#)

Toxicological Information: N/P

Ecological Information

[TOP](#)

Ecological: N/P

MSDS Transport Information

[TOP](#)

Transport Information: N/P

Regulatory Information

[TOP](#)

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

[TOP](#)

Other N/P  
Information:

HMIS HAZCOM Label

[TOP](#)

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Product ID: BRETILIUM TOSYLATE

Cage: GO395

Assigned IND: Y

Company FUJISAWA INC (FORMERLY LYPHOMED INC)

**Name:**

Street: 2020 RUBY

PO Box: N/K

City: MELROSE PARK

State: IL

Zipcode: 60160-5000

Country: US

Health Emergency Phone: 708-450-7569/7500

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

MFG Label NO:

Label Date: 12/16/1998

Year Procured: N/K

Origination Code: G

Chronic Hazard IND: N/P

Eye Protection IND: N/P

Skin Protection IND: N/P

Signal Word: N/P

Respiratory Protection IND: N/P

Health Hazard:

Contact Hazard:

Fire Hazard:

Reactivity Hazard:

**Hazard And Precautions**

EYES, SKIN/RESPIRATORY TRACT IRRITATION. MILD CONJUNCTIVITIS. IRRITATION, ABDOMINAL PAIN, DIARRHEA, NAUSEA, VOMITING, BRADYCARDIA, HICCUPS, NASAL CONJESTION, FEVER, SWEATING, LUSHING, RASH

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