FUJISAWA INC (FORMERLY LYPHOMED INC) -- RITODRINE HYDROCHLORIDE -- 6505-00F039445

======== Product Identification ============= Product ID: RITODRINE HYDROCHLORIDE MSDS Date: 02/23/1988 FSC:6505 NIIN:00F039445 MSDS Number: BWWZG === Responsible Party === Company Name: FUJISAWA INC (FORMERLY LYPHOMED INC) Address:2020 RUBY City:MELROSE PARK State: IL ZIP:60160-5000 Country: US Info Phone Num: 708-450-7569/7500 Emergency Phone Num: 708-450-7569/7500 CAGE:GO395 === Contractor Identification === Company Name: FUJISAWA INC (FORMERLY LYPHOMED INC) Address:2020 RUBY City:MELROSE PARK State: IL ZIP:60160-5000 Country: US Phone: 708-450-7569/7500 CAGE:GO395 Company Name: LYPHOMED INC DIV OF FUJISAWA USA INC Address:2020 RUBY ST Box:City:MELROSE PARK State: IL ZIP:60160-1112 Country: US Phone: 312-345-6170 CAGE: 60567 ======= Composition/Information on Ingredients ======== Ingred Name: WATER CAS: 7732-18-5 RTECS #: ZC0110000 Ingred Name:RITODRINE HYDROCHLORIDE *95-1* CAS:23239-51-2 RTECS #: DO6524000 ======= Hazards Identification =============== Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: MAY CAUSE EYE/SKIN/RESPIRATORY TRACT IRRITATION & HYPERSENSITIZATION. MAY BE ABSORBED THROUGH THE SKIN. Explanation of Carcinogenicity: NONE

IRRITATION. MAY BE ABSORBED THROUGH THE SKIN. ============ First Aid Measures =============== First Aid: INHALATION: REMOVE TO FRESH AIR. INGESTION: FLUSH MOUTH OUT W/WATER. SKIN/EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES. ======== Fire Fighting Measures ============== Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CO2, FOAM AS APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. ======== Accidental Release Measures =========== Spill Release Procedures: WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. VACUUM W/A VACUUM CLEANER HAVING A HIGH EFFICIENCY PARTICULATE FILTER/ABSORB LIQUID W/PAPER TOWELS. WIPE WORKING SURFACES TO DRYNESS, THEN WASH W/SOAP & WATER. ========= Handling and Storage ============ Handling and Storage Precautions: DON'T USE IF DISCOLORED/CONTAINS A Other Precautions: WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL CONTACT & INHALATION OF DUST/FUMES/MISTS/VAPORS ASSOCIATED W/PRODUCT. ====== Exposure Controls/Personal Protection ======== Respiratory Protection: WEAR A NIOSH APPROVED RESPIRATOR. Ventilation:LOCAL EXHAUST RECOMMENDED. Protective Gloves: DISPOSABLE SURGICAL LATEX Eye Protection: SAFETY GOGGLES Other Protective Equipment:DISPOSABLE PROTECTIVE APPAREL Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. Supplemental Safety and Health PH: 4.8-5.5. ======== Physical/Chemical Properties =========== pH: (SUPP) Solubility in Water: COMPLETE Appearance and Odor: CLEAR, COLORLESS SOLUTION W/NO ODOR. ======= Stability and Reactivity Data ========= Stability Indicator/Materials to Avoid:YES Stability Condition to Avoid: DISCOLORATION, CONTAINS A PRECIPITATE.

Hazardous Decomposition Products: TOXIC FUMES WHEN HEATED TO

DECOMPOSITION.

Effects of Overexposure: MAY CAUSE EYE/SKIN/RESPIRATORY TRACT

======= Disposal Considerations ===========

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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