

FUJISAWA USA, INC., FUJISAWA PHARMACEUTICAL CO -- EPINEPHRINE INJECTION --
6505-00-299-8760

===== Product Identification =====

Product ID:EPINEPHRINE INJECTION

MSDS Date:10/07/1992

FSC:6505

NIIN:00-299-8760

MSDS Number: BQWKX

=== Responsible Party ===

Company Name:FUJISAWA USA, INC., FUJISAWA PHARMACEUTICAL CO

Address:3 PARKWAY NORTH

City:DEERFIELD

State:IL

ZIP:60015-2548

Country:US

Info Phone Nu

m:708-317-0800

Emergency Phone Num:800-888-7704

CAGE:0K706

=== Contractor Identification ===

Company Name:FUJISAWA USA, INC

Address:3 PKY N

Box:City:DEERFIELD

State:IL

ZIP:60015-2548

Country:US

Phone:847-317-1256

CAGE:39832

Company Name:FUJISAWA USA, INC.

Address:3 PARKWAY NORTH

Box:City:DEERFIELD

State:IL

ZIP:60015-2548

Country:US

Phone:708-317-0800 OR 800-888-7704

CAGE:0K706

===== Composition/Information on Ingredients =====

Ingred Name:EPINEPHRINE (SARA III)

CAS:51-43-4

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TECS #:DO2625000
Fraction by Wt: 0.01%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ4725000
Fraction by Wt: 0.816%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM METABISULFITE
CAS:7681-57-4
RTECS #:UX8225000
Fraction by Wt: 0.05%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9293

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

Ingred Name:NOTE:
PH ADJUSTED WITH CITIRIC ACID AND SODIUM CITRATE.
RTECS #:9999999ZZ
Other REC Limits:NONE RECOMMENDED

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- THIS PRODUCT IS INTENDED FOR
THERAPEUTIC USE ONLY WHEN PRESCRIBED BY A PHYSICIAN. POTENTIAL
ADVERSE REACTIONS FROM PRESCRIBED
DOSES AND OVERDOSES ARE
PRESCRIBED IN THE PACKAGE INSERT. OCCUPATIO NAL EXPOSURE HAS NOT
BEEN FULLY INVESTIGATED. CHRONIC- NOT KNOWN
Effects of Overexposure:EYE, SKIN AND RESPIRATORY TRACT IRRITATION
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

==== First Aid Measures =====

First Aid:CONSULT PHYSICIAN IF SYMPTOMS PERSIST. EYE/SKIN:FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OP

EN. INHALATION:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION:FLUSH MOUTH OUT WITH WATER IMMEDIATELY. SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL.
WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING AP
PARATUS.

Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES OF NOX.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. USE ABSORBENT
TOWELS OR BOOMS TO CLEAN-UP SPILL. WIPE SURFACES CLEAN AND WASH
WITH SOAP AND WATER.

Neutralizing Agent:WEAK BASE

===== Handling and Storage =====

Handling and Storage Precautions:AS A GENERAL RULE, WHEN HANDLING
PHARMACEUTICAL PRODUCTS, AVOID ALL
CONTACT AND INHALATION OF DUST,
FUME, MISTS AND/OR VAPORS ASSOCIATED WITH PRODUCT.

Other Precautions:KEEP OUT OF REACH OF CHILDREN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WITH SATISFACTORY VENTILATION, RESPIRATORY
PROTECTION NOT USUALLY REQUIRED.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS USUALLY
SATISFACTORY. USE LOCAL EXHAUST VENTILATION WHEN NECESSARY.

Protective Gloves:DISPOSABLE LATEX RECOMMENDED

Eye Protection:SAF

ETY GOGGLES/GLASSES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, DISPOSABLE GARMENTS IF
DIRECT CONTACT IS ANTICIPATED.

Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE.

Supplemental Safety and Health

FLASH POINT IS ESTIMATED.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:6.31

Spec Gravity:NOT KNOWN

pH:2.2-5

Evaporation Rate & Referenc

e:NOT KNOWN

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:CLEAR, COLORLESS, ODORLESS SOLUTION

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG BASES

Stability Condition to Avoid:EXPOSURE TO LIGHT MAY CAUSE DECOMPOSITION.

Hazardous Decomposition Products:MAY EMIT TOXIC FUMES OF NOX.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, S
TATE

AND FEDERAL REGULATIONS.

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