

FUJISAWA USA INC -- PROGRAF, FK506 -- 6505-00N064555

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

Product ID:PROGRAF, FK506  
MSDS Date:01/01/1994  
FSC:6505  
NIIN:00N064555  
MSDS Number: BZKJS  
=== Responsible Party ===  
Company Name:FUJISAWA USA INC  
Address:3 PARKWAY NORTH  
City:DEERFIELD  
State:IL  
ZIP:60015-2548  
Country:US  
Info Phone Num:708-317-8200  
Emergency Phone Num:708-317-8202; 800-727-7003  
Preparer's Name:CHRISTINA J BARRINGTON  
CAGE:24832  
=== Contractor Identification ===  
Company Name:FUJISAWA USA INC (LYPHOMED INC)  
Address:3 PARKWAY NORTH  
City:DEERFIELD  
State:IL  
ZIP:60015-2548  
Country:US  
Phone:800-727-7003/708-317-8800  
CAGE:24832  
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

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

Ingred Name:ETHYL ALCOHOL; (DEHYDRATE ALCOHOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9495

Ingred Name:15,19-EPOXY-3H-PYRIDO(2,1-C)(1,4)OXAAZACYCLOTRI  
COSINE-1,7,20,21(4H,23H)-TETRONE,5,6,8,11,12,13,14,15,16,17,18,19(I  
NG 3)  
CAS:104987-11-3  
RTECS #:KD4200000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ING 2:24,25,26,26A-HEXADECAHYDRO-5,19-DIHYROXY-3-

(2-(4-HYDROXY-3-METHOXYCYCLOHEXYL)-14,16-DIMETHOXY-4,10,12,18-(ING 4)

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ING 3:TETRAMETHYL-8-(2-PROPENYL)-,(3S-(3R\*(E(1S\*,  
3S\*,4S\*)),4S\*,5R\*,8S\*,9E,12R\*,14R\*,15S\*,16R\*,18S\*,19S\*,(ING 5)

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ING 4:26AR\*))-; (MACROLIDE LACTONE).

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:WATER; (WATER FOR INJECTION)

CAS:7732-18-5  
RTECS #:ZC0110000  
OSHA PEL:N/K  
ACGIH TLV:N/K

==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic: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. IMMEDIATE EFFECTS:EYE, SKIN & RESPIRATORY IRRITATION,  
HEADACHE,(EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:HLTH HAZ:NAUSEA, AND VOMITING, HAVE BEEN  
EXPERIENCED WITH PATIENT ADMINISTRATION.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY  
CONDITIONS.

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

First Aid:INHAL: MOVE PERSON TO FRESH AIR IMMEDIATELY. GIVE ARTIFICIAL  
RESPIRATION & CARDIOPULMONARY RESUSCITATION (CPR) IF REQUIRED. SEEK  
MED ATTN. INGEST: FLUSH MOUTH OUT WITH H<sub>2</sub>O IMMEDIATELY. SEEK MED ATTN.  
SKIN: REMOVE CONTAMINATED CLOTHING IMMEDIATELY. FLUSH AREA WITH H<sub>2</sub>O FOR  
AT LEAST 15 MIN. SEEK MED ATTN. EYE: IMMEDIATELY FLUSH WITH H<sub>2</sub>O FOR AT  
LEAST 15 MIN. SEEK MED ATTN. FOR ADVERSE DRUG REACTION INFO CALL  
(708) 317-5937.

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

Flash Point:>200F,>93C  
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR FOAM  
AS APPROPRIATE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE

EQUIPMENT .  
Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION IT EMITS  
TOXIC FUMES.

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

Spill Release Procedures: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.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WHEN HANDLING PHARMACEUTICAL PRODUCTS,  
AVOID ALL CONTACT AND INHALATION OF DUST, FUMES, MIST, AND/OR  
VAPORS ASSOCIATED WITH THE PRODUCT.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:WITH SATISFACTORY VENTILATION, RESPIRATORY  
PROTECTION NOT USUALLY REQUIRED. NIOSH/MSHA APPROVED RESPIRATOR  
APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:GENERAL ROOM VENTILATION IS USUALLY SATISFACTORY, USE LOCAL  
EXHAUST VENTILATION WHEN NECESSARY.  
Protective Gloves:DISPOSABLE LATEX GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:ANSI APPRVD EMER EYE WASH & DELUGE SHOWER .  
DISPOSABLE GARMENTS IF DIRECT SKIN CONTACT IS ANTICIPATED.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

Melt/Freeze Pt:M.P/F.P Text:259F,126C  
Solubility in Water:ORGANIC SOLVENT  
Appearance and Odor:CLEAR, STERILE SOLUTION.

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:PROTECT FROM FREEZING.  
Hazardous Decomposition Products:SMOKE, AND NO\*X FUMES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REGULATIONS.

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