

ASTRA PHARMACEUTICAL PRODUCTS INC -- FOSCAVIR/FOSCARNET
SODIUM INJECTION -- 6505-01-355-7374

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Product Identification
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Product ID:FOSCAVIR/FOSCARNET SODIUM INJECTION
MSDS Date:10/05/1991
FSC:6505
NIIN:01-355-7374
MSDS Number: BZGCH
=== Responsible Party ===
Company Name:ASTRA PHARMACEUTICAL PRODUCTS INC
Address:50 OTIS ST
City:WESTBOROUGH
State:MA
ZIP:01581-3323
Country:US
Info Phone Num:508-366-1100/800-225-6333
Emergency Phone Num:800-225-6333/508-366-1100
CAGE:04473

==== Contractor Identification ===

Company Name:ASTRA PHARMACEUTICAL PRODUCTS INC
Address:50 OTIS ST
Box:City:WESTBOROUGH
State:MA
ZIP:01581-3323
Country:US
Phone:508-366-1100/800-225-6333
CAGE:04473

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Composition/Information on Ingredients
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Ingred Name:FOSCARNET SODIUM (DIHYDROXYPHOSPHINECARBOXYLIC ACID OXIDE
TRISODIUM SALT) *96-1*
CAS:63585-09-1
RTECS #:SY8200000
Fraction by Wt: 2.4%

Ingred Name:HYDROCHLORIC ACID, HYDROGEN CHLORIDE, MURIATIC ACID
HYDROCHLORIDE
CAS:7647-01-0
RTECS #:MW4025000
Fraction by Wt: <1%
Other REC Limits:7 PPM
OSHA PEL:5 PPM
ACGIH TLV:C 11 MG/CUM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50(RATS): >2000 MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:FOSCARNET SODIUM SOLUTION HAS A LOW

ACUTE TOXICITY. IT HAS BEEN FOUND TO BIND TO BONE MATRIX. CONTACT W/SKIN & EYES MAY CAUSE SLIGHT IRRITATION. FOSCARNET SODIUM HAS BEEN ASSOCIATED OF KIDNEY IMPAIRME NT, THROMBOPHLEBITIS & DECREASES IN HEMOGLOBIN LEVELS IN CLINICAL PATIENTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:REDNESS, TEARING, IRRITATION

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First Aid Measures
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First Aid:FLUSH EYES & SKIN W/COPIOUS AMOUNTS OF CLEAR WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point:NON-FLAMMABLE

Extinguishing Media:WATER, DRY CHEMICAL, CO2/FOAM AS APPROPRIATE FOR ADJACENT MATERIALS

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:AT HIGH TEMPS, POWDER CAN EMIT TOXIC FUMES; THIS HAZARD IS NEGLIGIBLE W/RESPECT TO FOSCARNET SODIUM SOLUTION.

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Accidental Release Measures
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Spill Release Procedures:ABSORB W/INERT MATERIALS.

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Handling and Storage
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Handling and Storage Precautions:AVOID SHIPPING/STORING AT TEMPS <47F/FOSCARNET SODIUM WILL PRECIPITATE DUE TO REDUCED SOLUBILITY. KEEP IN ORIGINAL, SEALED CONTAINERS.

Other Precautions:MATERIAL SHOULD BE LABELED AS AN IRRITANT & A TOXIC CHEMICAL. AVOID INGESTION & PROLONGED CONTACT W/SKIN & EYES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE

Ventilation:LOCAL EXHAUST

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:NONE

Supplemental Safety and Health

FOSCARNET SODIUM IS A RELATIVELY NON-TOXIC VIRASTATIC AGENT THAT'S NOT METABOLIZED & IS RAPIDLY EXCRETED IN URINE. THIS SUBSTANCE IS SLIGHTLY ABSORBED THROUGH INTACT SKIN WHEN APPLIED PERCUTANEOUSLY. ALTHOUGH FOSCARNET SODIUM CAN BIND TO BONE MATRIX, IT HAS BEEN SHOWN TO AFFECT VITAMIN D METABOLISM.

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:212F

Melt/Freeze Pt:M.P/F.P Text:32F

Vapor Pres:17

Vapor Density:0.6

Spec Gravity:1

Evaporation Rate & Reference:(WATER=1): 1

Solubility in Water:COMPLETE
Appearance and Odor:CLEAR & COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES
NONE
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:HIGH TEMPS: TOXIC FUMES

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

Waste Disposal Methods:INCINERATE/DISPOSE OF IN ACCORDANCE W/LOCAL,
STATE & FEDERAL REGULATIONS.

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