

BRISTOL MYERS SQUIBB -- AZACTMAN FOR INJECTION 2000 -- 6505-01-303-4636

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

Product ID:AZACTMAN FOR INJECTION 2000

MSDS Date:12/22/1993

FSC:6505

NIIN:01-303-4636

Status Code:A

MSDS Number: CJYQD

=== Responsible Party ===

Company Name:BRISTOL MYERS SQUIBB

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903

Country:US

Info Phone Num:201-519-2885

Emergency Phone Num:208-519-3

843

CAGE:IO660

=== Contractor Identification ===

Company Name:BRISTOL MYERS SQUIBB

Box:191

City:NEW BRUNSWICK

State:NJ

ZIP:08903

Country:US

Phone:201-519-2885

CAGE:IO660

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

Ingred Name:AZTREONAM

CAS:78110-38-0

= Wt:56.

Ingred Name:ARGININE

CAS:74-79-3

RTECS #:CF1934200

> Wt:1.

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50(RAT): 10 G/KG

Routes of Entry: Inhalation:NO Skin:Y

ES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: SKIN: MAY OCCUR IF PROTECTIVE GLOVES & CLOTHING ARE NOT WORN. INGESTION: AZTREONAM IS POORLY ABSORBED & INACTIVATED IN THE GASTROINTESTINAL TRACT. MAY CAUSE DERMATOLOGIC & HEMATOLOGIC EFFECTS. MAY AFFECT THE GASTROINTESTINAL TRACT, LIVER & IMMUNE SYSTEM.

Effects of Overexposure: DIARRHEA, NAUSEA, VOMITING, CRAMPS, RASHES, ITCHING, FEVER, CHILLS, MUSCLE & JOINT PAIN, DIFFICULTY IN BREATHING

Medical Condition Aggravated by Exposure: PERSONS WHO ARE ALLERGIC TO PENICILLINS/CEPHALOSPORINS, GASTROINTESTINAL DISEASES. INDIVIDUALS WITH A HISTORY OF AZTREONAM ALLERGIES.

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

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. SKIN: WASH WITH PLENTY OF WATER FOR 15 MINS. EYES: FLUSH WITH RUNNING WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media: WATER

Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS, FLAME & CHEMICAL RESISTANT CLOTHING, BOOTS & GLOVES. EVACUATE PERSONNEL TO UPWIND DIRECTION, REMOVE UNNEEDED MATERIAL & COOL CONTAINERS WITH WATER FROM A MAXIMUM DISTANCE.

Unusual Fire/Explosion Hazard: FINE POWDERS ARE CONSIDERED TO BE COMBUSTIBLE. PROVIDE APPROPRIATE BONDING & GROUNDING PROTECTION TO CONTROL STATIC CHARGES. POWDER HANDLING EQUIPMENT SUCH AS DUST COLLECTORS, DRYERS & MILLS MAY REQUIRE ADDITIONAL PROTECTIVE MEASURES (EXPLOSION VENTING).

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

Spill Release Procedures: COLLECT TO MINIMIZE DUST GENERATION. USE WET MOP, DAMP SPONGE/WET/DRY HEPA VACUUM. PLACE COLLECTED MATERIAL INTO A SUITABLE CONTAINER FOR DISPOSAL. LARGE: USE A NIOSH-APPROVED DUST/MIST RESPIRATOR. AFTER CLEAN UP, FLUSH WITH WATER TO PROCESS SEWER IF ALLOWED.

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

Handling and Storage Precautions:CONTAINER REQUIREMENTS: GLASS VIALS.

SHOULD BE STORED AT 59-86F. DON'T EXPOSE TO TEMPERATURES >140F.

Other Precautions:AVOID INHALATION, SKIN/EYE CONTACT W/THIS MATERIAL.

PROTECT FROM MOISTURE. IF EXPOSED TO STRONG LIGHT, THE POWDER MAY YELLOW SLIGHTLY. AS A PRECAUTION, PERSONNEL WHO HANDLE DRUG SUBSTANCES SHOULD AVOID CONTACT W/INGESTION/INHALATION, SKIN & EYE CONTACT W/THESE SUBSTANCES

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

Respiratory Protection:WHEN ENGINEERING CONTROL AREN'T SUFFICIENT TO CONTROL DUST EXPOSURE, WEAR APPROVED RESPIRATORY PROTECTION. SELF CONTAINED BREATHING APPARATUS SHOULD BE USED FOR EMERGENCY.

Ventilation:ENCLOSURE OF PROCESSES/LOCAL VENTILATION TO KEEP AIRBORNE CONCENTRATION BELOW BMS EXPOSURE GUIDELINE OF 1 MG/CUBIC METER AZTREONAM.

Protective Gloves:IMPERVIOUS, LATEX, NITRILE/RUBBER

Eye Protection:SAFETY GLASSES (ANSI Z87.1).

Other Protective Equipment:PROTECTIVE COVERALLS

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health

WASH HANDS AFTER HANDLING COMPOUND & BEFORE EATING, SMOKING, USING LAVATORY & AT END OF DAY.

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

Melt/Freeze Pt:=114.C, 237.2F

Vapor Density:>1

Solubility in Water:COMPLETE

Appearance and Odor:WHITE TO YELLOWISH-WHITE CAKED POWDER.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID MOISTURE. AZTREONAM IS MOST STABLE AT PH 6.IS INACTIVATED AT A PH OF LESS THAN 5 & GREATER THAN 8.

Hazardous Decomposition Products:OXIDES OF CARBON, SULFUR & NITROGEN

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

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

===== MSDS T

ransport Information =====

Transport Information:NOT REGULATED FOR SHIPPING FOR  
DOMESTIC/INTERNATIONAL.

===== Regulatory Information =====

State Regulatory Information:THIS MATERIAL SAFETY DATA SHEET IS  
INTENDED FOR USE BY PERSONNEL WHO HANDLE THIS MATERIAL AS PART OF  
THEIR JOB RESPONSIBILITIES. IT DOES NOT ADDRESS THE THERAPEUTIC USE  
OF THIS MATERIAL. INFORMATION CONCERNING THE THERAPEUTIC USE OF  
THIS DRUG SHOULD BE OBTAINED FROM FORMULATED IN PRODUCT PACKAGE  
INSERTS & OTHER APPROPRIATE REFERENCES.

===== Other Information =====

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