

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:208-519-3843

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:

YES 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 Conditions Aggravated by Exposure: PERSONS WHO ARE ALLERGIC TO PENICILLINS/CEPHALOSPORINS, GASTROINTESTINAL DISEASES. INDIVIDUALS W/A HISTORY OF AZTREONAM ALLERGIES.

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

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. SKIN: WASH W/PLENTY OF WATER FOR 15 MINS. EYES: FLUSH W/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 W/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 W/WATER TO PROCESS SEWER IF ALLOWED.

=====

=====
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 SUBSTANCE
S.

=====
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.

=====
=====
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
=====

Transport 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 =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.