

SMITHKLINE BEECHAM PHARMACEUTICALS RESEARCH & DEVE -- NAFCILLIN SODIUM --  
6505-01-302-6664

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

Product ID:NAFCILLIN SODIUM

MSDS Date:09/16/1991

FSC:6505

NIIN:01-302-6664

MSDS Number: BWMJY

=== Responsible Party ===

Company Name:SMITHKLINE BEECHAM PHARMACEUTICALS RESEARCH & DEVE

Address:709 SWEDELAND RD

Box:1539

City:KING OF PRUSSIA

State:PA

ZIP:19406

Country:US

Info

Phone Num:215-270-7807

Emergency Phone Num:215-270-6110

CAGE:0P1L6

=== Contractor Identification ===

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

Ingred Name:NAFCILLIN SODIUM

CAS:985-16-0

RTECS #:XI0175000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

===== Hazards I

dentification =====

LD50 LC50 Mixture:LD50 ORAL,RAT>5GM/KG MONOHYDRATE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:MAY CAUSE ALLERGIC

REACTIONS.NAU,VOMIT,STOMACH PAIN,DIARR,DRY MOUTH,BLACK HAIRY  
TONGUE.SENSITIZER.SKIN:HYPERSENS RXS(ANGIOEDEMA,ASTHMATIC  
BREATH,GIANT HIVES)ANAPHYLAXIS,DEATH.EYE:ALLERGIC RXS.INHAL:AN  
APHYLACTIC SHOCK,BRONCHOCONSTRICTION,ASTHMA.INGEST:H

YPERSENSITIVITY

RXS,ANAPHYLAXIS,ANGIOEDEMA,SERUM SICKNESS,NAUS,VOMIT

Explanation of Carcinogenicity:PER MSDS:CARCINOGEN STATUS:NONE.

Effects of Overexposure:HYPERSENSITIVITY.SWELLING OF

LIPS,TONGUE,FACE,PERIORBITAL TISSUES,ASTHAMTIC BREATH,GIANT  
HIVES,ANAPHYLAXIS,DEATH.ALLERGIC DERM.ALLERGIC RXS,ANAPHYLACTIC  
SHOCK,BRONCHOCONSTRICTION,ASTHMA.EPIGASTRIC DIS TRESS,DIARR,NAU  
W/W/O VOMIT,SORE/BLACK HAIRY TONGUE,SORE/DRY  
MOUTH,URTICARIA,PURPURIC SKIN LESIONS,LOCA EDEMA,WEAK,DIZ

Z

Medical Cond Aggravated by Exposure:PER W/ASTHMA,URTICARIA,SENS TO

MULTIPLE ALLERGENS OR KNOWN SENS TO PENICILLINS OR

CEPHALOSPORINS.CROSS SENS W/OTHER PENICILLINS & CEPHALOSPORINS IS  
POSSIBLE.MAY CROSS PLACENTA & EXCRETED IN BREAST MIL

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

First Aid:SKIN:REMOVE CONTAMIN CLOTH/SHOES IMMED.WASH SKIN W/SOAP/MILD  
DETERGENT & LG AMTS OF WATER 15-20MINS.EYE:IMMED WASH W/LG AMTS OF  
WATER OR NORMAL SALINE LIFTING E

YELIDS 15-20MINS.INHAL:REMOVE TO

FRESH A IR.BREATH STOP PERFORM ART RESP.KEEP PERSON

WARM/@REST.TREAT SYUMPT/SUPPORT.INGEST:REMOVE CHEM BY EMESIS.DO NOT  
INDUCE VOMIT IF UNCONSC.PERFORM TREATMENT BY QUAL MED PERSONNEL.IN  
ALL CASES GET MED ATT

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:DRY CHEM,CARBON DIOXIDE,WATERSPRAY,REGULAR FOAM.LG

FIRES:USE WATERSPRAY,FOG,REGULAR FOAM.MAY BURN BUT DOESN'T IGN  
READIL

Fire Fighting Procedures:MOVE CNTNR FROM FIRE AREA W/O RISK.DO NOT  
SCATTER SPILL MATL W/HIGH PRESSURE WATER STREAMS.DIKE FIRE-CONTROL  
WATER FOR DISPOSAL.AVOID BREATH HAZ VAP.KEEP UPWIND

Unusual Fire/Explosion Hazard:DUST/AIR MIXTURES MAY CATCH  
FIRE/EXPLODE.DO NOT SMOKE/USE NEAR OPEN FLAME/SPARKS.SEEK HELP OF  
FIREFIGHTING PERSONNEL IF CATCHES ON FIRE.CNTNRS MAY EXPLO IN HEAT

===== Accidenta  
I Release Measures =====

Spill Release Procedures:SWEEP UP & PLACE IN SUITABLE CLEAN, DRY  
CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH SPILLED  
MATERIAL INTO SEWER. KEEP UNNECESSARY PEOPLE AWAY.

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

Handling and Storage Precautions:PROVIDE LOCAL EXHAUST VENTILATION SYS.  
STORE AWAY FROM INCOMPATIBLE SUBSTANCES. OBSERVE ALL FED/STATE/LOC  
REGS WHEN STORING OF THIS SUBSTANCES.

Other Precauti  
ons:NONE SPECIFIED BY MFG.

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

Respiratory Protection:SPECIFIC RESP SELECTED MUST BE BASED ON CONTAMIN  
LEVELS IN WORKPLACE,SPECIFIC OPERATIN,MUST NOT EXCEED WORKING  
LIMITS OF RESP,APPROVED BY NIOSH/MSHA.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION SYSTEM.

Protective Gloves:APPROPRIATE PROTECTIVE GLOVES

Eye Protection:SPLASH-PROOF/DUST-RESIST SAF GOGGLES

Other Protective Equipment:APPROPRIATE PROT IMPERVIOUS CLOTH/EPQMT T

O  
PREVENT REPEAT/PROLONG SKIN CONTACT W/SUBSTANCE.EYEWASH FOR  
POSSIBLE EYE EXPO

Work Hygienic Practices:WASH HANDS AFT HANDLING. LAUNDER CONTAMIN  
CLOTH.

Supplemental Safety and Health

HEALTH HAZ:SEE INFO ON PENICILLINS.ANTIDOTE:RECOMMENDED HOEVER DECISION  
SHOULD BE MADE BY QUAL MED PERSONNEL:PENICILLINASE(NEUTRAPEN)WILL  
REVERSE DELAYED PENICILLIN RXS BUT NOT USEFUL IN ANAPHYLAXIS;I S  
CAPABLE OF CAUSING SER ANAPHYLACTIC RXS WHICH REQUIRE IMMED EMERG  
TREATMENT W/EPINEPH

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

HCC:T6

pH:5-7,3%

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE TO YELLOWISH WHITE POWDER WITH A SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS (STRONG):FIRE & EXPLOSION HAZARD.

Stability Condition to Avoid:AVOID CONTACT W/STRONG OXIDIZERS,  
EXCESSIVE HEAT/SPARKS/OPEN FLAME.

Hazardous Decomposit

ion Products:THERMAL DECOMPOSITION PRODUCTS MAY

INCLUDE TOXIC OXIDES OF CARBON, NITROGEN, SULFUR, AND SODIUM.

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

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS  
WHEN DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE CONTACT DISTRICT  
DIRECTOR OF ENVIRONMENTAL PROT AGENCY.

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