Product ID: CEFUROXIME SODIUM
MSDS Date: 11/12/1990
FSC: 6505
NIIN: 01-209-1205
MSDS Number: BWMHG

== Responsible Party ==
Company Name: GLAXO INC
Address: 5 MOORE DR
City: RESEARCH TRIANGLE PARK
State: NC
ZIP: 27709
Country: US
Info Phone Num: 919-248-2354
Emergency Phone Num: 919-248-2100/2700
Preparer's Name: DIRECTOR, ENVIRON SAFETY
CAGE: 34006

== Contractor Identification ==
Company Name: GLAXO WELLCOME INC.
Address: 5 MOORE DR
Box: 13398
City: DURHAM
State: NC
ZIP: 27709
Country: US
Phone: 919-248-2100
CAGE: 34006

== Composition/Information on Ingredients ==
Ingred Name: CEFUROXIME SODIUM
CAS: 56238-63-2
RTECS #: XI0330000
Fraction by Wt: 100%
Other REC Limits: 0.1 MG/M3 (MFR)

== Hazards Identification ==
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ZINACEF IS A CEPHALOSPORIN ANTIBIOTIC USED TO TREAT BACTERIAL INFECTIONS DUE TO SUSCEPTIBLE ORGANISMS. ACUTE DUST EXPOSURE MAY CAUSE MILD TO SEVERE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS. THERE IS NO RECORDED FATAL ANAPHYLAXIS, BUT IT IS A POSSIBILITY. MAY BE A SKIN SENSITIZER.
Explanation of Carcinogenicity: THERE IS NO PUBLISHED EVIDENCE THAT THE COMPOUND IS CARCINOGENIC OR TERATOGENIC. WAS NEGATIVE ON THE MUTAGENIC Ames TEST
Effects of Overexposure: INHALED: RESPIRATORY IRRITATION, ITCHY SKIN RASHES, HIVES, RUNNY/STUFFY NOSE, CHEST TIGHTNESS, SWELLING & DIFFICULT BREATHING. SKIN: SENSITIZER. RED ITCHY SKIN RASH AFTER REPEATED CONTACT.
Medical Cond Aggravated by Exposure: ALLERGIC REACTIONS MAY OCCUR IN INDIVIDUALS SENSITIVE TO CEPHALOSPORINS, PENCILLINS OR RELATED COMPOUNDS.

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

First Aid:
EYE: FLUSH THOROUGHLY W/LARGE AMOUNT OF WATER. GET MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING & WASH W/SOAP & WATER.
INHALED: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT OR CEASES, GIVE OXYGEN OR CPR. GET MEDICAL ATTENTION.
INGESTED: RINSE MOUTH WITH WATER. GET MEDICAL ATTENTION.

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

Extinguishing Media: WATER SPRAY, FOAM, MULTI-PURPOSE DRY CHEMICAL.
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND USE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: AS WITH ANY ORGANIC DUST, THERE IS POTENTIAL FOR EXPLOSION WHEN SUSPENDED IN AIR IN HIGH CONCENTRATIONS.

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

Spill Release Procedures: WEAR FULL PROTECTIVE EQUIPMENT. AVOID BODY CONTACT AND/OR BREATHING DUST. COLLECT SPILLAGE BY CAREFULLY SWEEPING OR VACUUMING WITH HEPA FILTERED VACUUM & PLACE IN LABELED, SEALED CONTAINER FOR REUSE OR DISPOSAL. WASH AREA AFTER VACUUMING.
Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions: USE STORAGE PRACTICES THAT WILL MINIMIZE GENERATION OF DUST.
Other Precautions: SPECIAL CARE SHOULD BE TAKEN TO INSURE THAT CONTAMINATED CLOTHING & EQUIPMENT ARE PROPERLY CLEANED AFTER USE.

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

Respiratory Protection: WEAR RESPIRATORY PROTECTIVE EQUIPMENT WHEN EXPOSED TO DUST LEVELS THAT EXCEED THE ESTIMATED SAGE WORKING LEVEL (MFR'S). FOLLOW NIOSH, ANSI Z88.2, AND THE RESPIRATORY EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
Ventilation: PROVIDE LOCAL EXHAUST VENTILATION SYSTEM AT THE SOURCE OF DUST GENERATION.
Protective Gloves: WEAR PROTECTIVE GLOVES AT ALL TIMES.
Eye Protection: Protect eye from dust.
Other Protective Equipment: A PROTECTIVE OUTER GARMENT IS ADEQUATE FOR LOW DUST EXPOSURE. FOR HIGH EXPOSURE, WEAR WEAR FULL BODY PROTECTION.
Work Hygienic Practices: ALL SKIN CONTACT SHOULD BE AVOIDED. EMPLOYEES EXPOSED TO DUST SHOULD CHANGE CLOTHES & SHOWER AT END OF WORK ASSIGNMENT.
Supplemental Safety and Health
NONE

============= Physical/Chemical Properties =============
HCC:N1
NRC/State Lic Num:NONE
Melt/Freeze Pt:M.P/F.P Text:420F,216C
Solubility in Water:15% W/V
Appearance and Odor:WHITE TO CREAMY WHITE POWDER, ODOR NOT LISTED

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

Stability Indicator/Materials to Avoid:YES
NO KNOWN INCOMPATIBILITIES.
Stability Condition to Avoid:SLIGHTLY UNSTABLE IN AIR & WILL SLOWLY
DECOMPOSE. THE MATERIAL SHOULD BE PROTECTED FROM LIGHT AND STORED
UNDER NITROGEN.
Hazardous Decomposition Products: THERMAL DECOMPOSITION PRODUCTS INCLUDE
TOXIC & CORROSIVE OXIDES OF NITROGEN AND SULFUR.

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

Waste Disposal Methods: INCINERATE AT AN APPROVED FACILITY I/A/W
FEDERAL, STATE & LOCAL REGULATIONS.

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