

SMITHKLINE BEECHAM PHARMACEUTICALS RESEARCH & DEVE -- BRL  
14151K, 8104750, POTASSIUM CLAVULANATE -- 6505-01-204-5388

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Product Identification  
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Product ID:BRL 14151K, 8104750, POTASSIUM CLAVULANATE  
MSDS Date:12/17/1992  
FSC:6505  
NIIN:01-204-5388  
MSDS Number: BWMHC  
=== 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:215-270-6110  
Emergency Phone Num:215-270-6110  
CAGE:0P1L6  
=== Contractor Identification ===  
Company Name:SMITHKLINE BEECHAM PHARMACEUTICALS RESEARCH & DEVE  
Address:709 SWEDELAND RD  
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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM CLAVULANATE  
CAS:61177-45-5  
RTECS #:RN6802700  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS >10,000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:THIS MATERIAL IS NOT LISTED AS A  
CARCINOGEN BY IARC, NTP OR OSHA.  
Effects of Overexposure:EYE:IRRITATION, REDNESS, SWELLING, BLURRED  
VISION OR PAIN. SKIN:POSSIBLE IRRITATION. INHALED:POSSIBLE  
RESPIRATORY IRRITATION. INGESTED:MFR GAVE NO INFORMATION ON MSDS.  
Medical Cond Aggravated by Exposure:NONE KNOWN

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First Aid Measures  
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First Aid:IF IRRITATION OCCURS, SEE A DOCTOR. EYE:FLUSH W/WATER 15

MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. AID/REST ORE BREATHING AS NECESSARY. INGESTED:DECISION TO INDUXE VOMITING MUST BE MADE BY TRAINED PERSONNEL. GET IMMEDIATE MEDICAL ASSISTANCE. NO SPECIFIC ANTIDOTES KNOWN. SEE SUPP DATA FOR PHYSICIAN'S NOTES.

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

Flash Point:EXPECTED >55C

Extinguishing Media:USE FOAM OR WATER EXTINGUISHERS. CARBON DIOXIDE & POWDER EXTINGUISHERS ARE NOT EFFECTIVE AT EXTINGUISHING THIS MATERIAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FIRE AREA IF W/O RISK. FLUSH AWAY ALL RESIDURS W/WATER. IF POSSIBLE, DIKE AREA TO CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:TOXIC/CORROSIVE GASES ARE EXPECTED DURING DECOMPOSITION. RESIDUAL ASH CONTAINS CYANIDE COMPOUNDS. DO NOT ALLOW ASH TO CONTACT ACID.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION AND EVACUATE AREA. WEAR PROTECTIVE EQUKIPMENT. FLUSH MATERIAL DIRECT TO DRAIN WITH COPIOUS AMOUNT OF WATER (CONCENTRATED SOLUTIONS MAY DEGRADE VIOLENTLY). WASH SPILLAGE AREA WITH WATER TO INSURE THAT ALL TRACES ARE REMOVED.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:FLAMMABLE SOLID! STORAGE:KEEP COOL, DRY & AWAY FROM DIRECT SUNLIGHT,HEAT,& IGNITION SOURCES. HANDLE ONLY IN COOL,WELL VENTILATED,LOW HUMIDITY AREA.

Other Precautions:CONTACT WITH HEAT,IGNITION SOURCES OR MOISTURE MUST BE AVOIDED! COMBUSTION CAN OCCUR IN INERT ATMOSPHERES! GROUND ALL EQUIPMENT AND PERSONNEL TO AVOID RISK OF IGNITING DISPERSED DUST OR THE DECOMPOSIT ION PRODUCT OF ACETALDEHYDE.

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

Respiratory Protection:IF DUST IS PRESENT, USE A LABORATORY FUME HOOD, LOCAL EXHAUST OR DUST RESPIRATOR. CONDITIONS SILL CONTROL THE TYPE OF RESPIRATOR USED. FOLLOW LOCAL REGULATIONS FOR RESPIRATOR USE.

Ventilation:IF DUST IS PRESENT, LABORATORY FUME HOOD OR LOCAL EXHAUST.

Protective Gloves:RUBBER OR OTHER IMPERVIOUS.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:LAB COAT, SAFETY BOOTS, OTHER PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. SHOWER & EYE WASH STATION SHOULD BE AVAILABLE

Work Hygienic Practices:WASH HANDS & ARMS AFTER HANDLING. (SHOWER AT END OF SHIFT.) CLEAN UP SPILLS IMMEDIATELY.

Supplemental Safety and Health

NOTE TO PHYSICIAN:MATERIAL IS NOT CORROSIVE. VOMITING SHOULD ONLY BE INDUCED BY EMPLOYEES GIVEN PROPER AND COMPETANT TRAINING & INSTRUCTION DOCUMENTED BY MEDICAL STAFF. IF INDIVIDUAL IS AWAKE,

RINSE M OUTH SEVERAL TIMES WITH COLD WATER & SPIT IT OUT. \*\*NOTE THAT THIS MSDS COVERS ONLY ONE OF TWO MATERIALS OF THE ITEM,\*\*

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

HCC:F8  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES  
Decomp Temp:Decomp Text:365F,185C  
Solubility in Water:SOLUBLE  
Appearance and Odor:WHITE TO OFF-WHITE HYGROSCOPIC POWDER

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

Stability Indicator/Materials to Avoid:NO  
CAN REACT EXOTHERMICALLY UPON CONTACT W/MOISTURE, EVEN TRACE AMOUNTS.  
Stability Condition to Avoid:AVOID HEAT,IGNITION SOURCES, MOISTURE,  
STORAGE IN OVER 25 KG QUANTITIES, DISPERSION AS A DUST.  
Hazardous Decomposition Products:ASH REMAINING AFTER THERMAL  
DECOMPOSITION MAY CONTAIN CYANIDE COMPOUNDS.

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

Waste Disposal Methods:ALL DISPOSABLE PACKAGING & CLEANING MATERIALS  
MUST BE THOROUGHLY WASH FREE OF ANY PRODUCT RESIDUE USING COPIOUS  
AMOUNTS OF WATER. OTHERWISE, IT MAY EXOTHERM AND CAUSE FIRE. ASSURE  
A CONCENTRATION GREATER THAN 10% W/V NEVER OCCURS!

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