

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

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

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
Box:1539
City:KING OF PRUSSIA
State:PA
ZIP:19406
Country:US
Phone:215-270-6110
CAGE:0P1L6

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

Ingred Name:POTASSIUM CLAVULANATE
CAS:61177-45-5
RTECS #:RN6802700
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

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

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

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

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 LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. AID/REST OR BREATHING AS NECESSARY. INGESTED:DECISION TO INDUCE VOMITING MUST BE MADE BY TRAINED PERSONNEL. GET IMMEDIATE MEDICAL ASSISTANCE. NO SPECIFIC ANTIDOTES KNOWN. SEE SUPP DATA FOR PHYSICIAN'S NOTES.

===== 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 RESIDUES 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.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION AND EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT. 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.

===== 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 DECOMPOSITION PRODUCT OF ACETALDEHYDE.

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

Respiratory Protection:IF DUST IS PRESENT, USE A LABORATORY FUME HOOD, LOCAL EXHAUST OR DUST RESPIRATOR. CONDITIONS WILL 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 COMPETENT 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!

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.