



**SIGMA-ALDRICH**

SIGMA CHEMICAL COMPANY  
POST OFFICE BOX 14508  
SAINT LOUIS, MISSOURI 63178, USA

OCT 28 1997

ATTN: SAFETY DIRECTOR  
UNIV OF WISC-WHITEWATER  
PURCHASING OFFICE  
800 W MAIN ST  
WHITEWATER WI 53190

EMERGENCY PHONE 1-314-771-5765

DATE 10/20/97  
CUST#: 2-097-94816  
PO#: Q1277

M A T E R I A L   S A F E T Y   D A T A   S H E E T                      P A G E   1

CATALOG #: E4389  
NAME: B-ESTRADIOL-WATER SOLUBLE CELL CULTURE  
TESTED

HAZARDS IDENTIFIED WITH THIS PRODUCT ARE THOSE ASSOCIATED WITH THE FOLLOWING COMPONENT(S). REFER TO THE MATERIAL SAFETY DATA SHEET(S) FOR THE LISTED ITEM(S).

CATALOG NUMBER	NAME	PERCENT
E8875	B-ESTRADIOL	* 5.80
- - - - MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES - - - -		

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED  
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.  
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.  
AVOID RAISING DUST.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

WASTE DISPOSAL METHOD  
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

LABEL PRECAUTIONARY STATEMENTS  
TOXIC  
MAY CAUSE CANCER.  
MAY CAUSE HERITABLE GENETIC DAMAGE.  
MAY CAUSE HARM TO THE UNBORN CHILD.  
HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.  
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).  
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.  
DO NOT BREATHE DUST.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

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MATERIAL WAS SHIPPED TO THIS ADDRESS:  
UNIV OF WISC-WHITEWATER  
ATTN: MIKE MOLLER

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We are committed to the success of our customers through science, technology and service.



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BIOLOGICAL SCIENCES  
WHITEWATER WI 53190