

PLANT PROTECTION

MSDS

"For Chemical Emergency"

Spill, Leak, Fire, Exposure or Accident, Call:
 Chemtrec (24 Hours): (800) 424-9300
 Outside U.S., call collect: (703) 527-3887

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: BAC-MASTER™ (EPA Reg. No. 64864-43)	CHEMICAL FORMULA PROPRIETARY
CHEMICAL FAMILY STREPTOMYCIN ANTIBIOTIC	

SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

Section 313 of Sara Title III: Ingredients subject to reporting are identified by asterisk (*)

CAS NO.	COMPONENT	%	ACGIH TLV	OSHA PEL	OTHER
3810-74-0	STREPTOMYCIN	22.4	N/E	N/E	N/E

SECTION 3 - PHYSICAL PROPERTIES

BOILING POINT: NOT APPLICABLE	MELTING POINT: NOT ESTABLISHED	BULK DENSITY (g/ml) 0.227	VAPOR PRESSURE (mmHg) NOT APPLICABLE
VAPOR DENSITY (AIR=1): NOT APPLICABLE	% SOLUBILITY IN WATER: NOT ESTABLISHED	% VOLATILE BY WEIGHT: NOT ESTABLISHED	
APPEARANCE: TAN POWDER	ODOR: FERMENTATION-LIKE	pH (~1% in water @ 25°C): 5.59	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: NOT FLAMMABLE	FLAMMABLE LIMITS IN AIR - LEL: NOT APPLICABLE	UEL:
EXTINGUISHING MEDIA: DRY CHEMICAL, CO₂, FOAM		
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING		
UNUSUAL FIRE AND EXPLOSION HAZARDS: THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE, BUT ARE NOT LIMITED TO, OXIDES OF NITROGEN, CARBON AND SULFUR.		

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN
CONDITIONS & MATERIALS TO AVOID: MOISTURE IN AIR-TIGHT CONTAINERS, STRONG ACIDS AND BASES

SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION: NIOSH-APPROVED RESPIRATOR WITH PARTICULATE FILTER				
VENTILATION	LOCAL EXHAUST: ACCEPTABLE	MECHANICAL: ACCEPTABLE	SPECIAL: NOT REQUIRED	OTHER: NONE
PROTECTIVE GLOVES: RUBBER		EYE PROTECTION: SAFETY GLASSES OR GOGGLES		
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: HEAD COVERING, RUBBER BOOTS		WORK/HYGIENIC PRACTICES: PREVENT EATING, DRINKING, TOBACCO USE AND COSMETIC APPLICATION WHERE PRODUCT IS BEING USED. WASH THOROUGHLY AFTER HANDLING.		

PRODUCT NAME: BAC-MASTER™

SECTION 7 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY:

SKIN AND EYES

CARCINOGEN:

NONE KNOWN

NTP:

N/A

IARC MONOGRAPHS:

N/A

OSHA:

N/A

INHALATION:

UNKNOWN

EYE CONTACT:

SLIGHT IRRITANT

SKIN CONTACT:

SLIGHT IRRITANT. MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS.

INGESTION:

ORAL LD50 (RAT) = 9000 MG/KG. CLINICAL STUDIES REPORT KIDNEY AND EAR DAMAGE.

SECTION 8 - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT:

FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.

INHALATION:

LEAVE THE AREA AND GET FRESH AIR.

INGESTION:

DRINK LARGE QUANTITIES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.

SECTION 9 - SPILL, LEAK & DISPOSAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

USE PROPER PERSONAL PROTECTIVE EQUIPMENT. SWEEP UP AND PLACE INTO A SECURE CONTAINER FOR PROPER DISPOSAL. WASH SPILL AREA WITH WATER CONTAINING A STRONG DETERGENT, ABSORB WITH ABSORBENT MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL.

WASTE DISPOSAL METHOD:

DO NOT REUSE PRODUCT CONTAINERS. DISPOSE OF IN AN APPROVED WASTE DISPOSAL AREA IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 10 - SHIPPING DATA

DOT SHIPPING NAME:

NONE.

SECTION 11 - SPECIAL PRECAUTIONS & OTHER INFORMATION

SPECIAL INSTRUCTIONS:

KEEP CONTAINER CLOSED WHEN NOT IN USE.

OTHER INFORMATION/PRECAUTIONS:

THIS PRODUCT CONTAINS STREPTOMYCIN SULFATE, WHICH IS ON THE CALIFORNIA PROPOSITION 65 LIST OF CHEMICALS KNOWN TO THE STATE TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCITIVE HARM.

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

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DATE: 3/01/01

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