

SEP 13 1994



Curtin Matheson Scientific, Inc.  
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

FISONS

# MATERIAL SAFETY DATA SHEET

MAIL TO: UNIVERSITY OF WISCONSIN

WHITEWATER CENTRAL  
RECEIVING STORES  
N FREMONT ST

WHITEWATER, WI 53190

## SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS  
DIFCO LABORATORIES  
P O BOX 331058

DETROIT MI 48232  
EMERGENCY PHONE 800-521-0851

CHEMICAL NUMBER: D1679-357

ITEM NUMBER: 0422783

VNDR CATLG NBR:

ENTRY DATE: 08-16-91

CHANGE DATE: 08-26-91

PO NUMBER: UNE50369

COMMON NAME (ON LABEL)

BACTROL DISKS

CHEMICAL FAMILY

NOT GIVEN

TRADE NAME & SYNONYMS

BACTROL DISKS

CHEMICAL FORMULA

NOT GIVEN

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS	% (WT)	TLV	PEL
SEE OTHER INGREDIENT INFORMATION		* .00	NOT GIVEN	NOT GIVEN

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

### OTHER INGREDIENT INFORMATION

BACTROL DISKS ARE NOT HAZARDOUS AS DEFINED BY OSHA 1910.1200. HOWEVER, AS LIVE MICROORGANISMS THEY ARE BIOHAZARDS. THEREFORE, OBSERVE INSTRUCTIONS IN SECTIONS 7 AND 9.

## SECTION 3 - PHYSICAL DATA

BOILING POINT N/A	VOLATILE BY VOLUME (%) N/A	VAPOR PRESSURE N/A
MELTING POINT N/A	VAPOR DENSITY N/A	SOLUBILITY IN WATER N/A
EVAPORATION RATE ( = 1) N/A	SPECIFIC GRAVITY N/A	
APPEARANCE AND ODOR N/A		

### OTHER PHYSICAL DATA

NO OTHER PHYSICAL DATA GIVEN.

**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT**

N/A

**LOWER EXPLOSIVE LIMIT**

N/A

**UPPER EXPLOSIVE LIMIT**

N/A

**EXTINGUISHING MEDIA**

N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

N/A

**SPECIAL FIRE FIGHTING PROCEDURES**

N/A

**SECTION 5 - HEALTH HAZARD DATA****HEALTH HAZARDS (ACUTE & CHRONIC)**  
SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.**PRIMARY ROUTES OF EXPOSURE**  
INHALATION, INGESTION, ABSORPTION**SIGNS AND SYMPTOMS OF EXPOSURE**  
POTENTIAL FOR INFECTION IF USED WITH IMPROPER TECHNIQUE. SEE SECTION 10 -  
SPECIAL PRECAUTIONS.

**SECTION 5 - HEALTH HAZARD DATA (CONTINUED)**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**  
NONE INDICATED.

**CARCINOGENICITY**

INDICATORS NOT GIVEN

NTP  Yes  No

IARC  Yes  No

OSHA  Yes  No

NOT INDICATED.

**EMERGENCY AND FIRST AID PROCEDURES**

CALL A PHYSICIAN IN THE EVENT OF INHALATION, INGESTION, OR ABSORPTION.

**THRESHOLD LIMITS / TOXICITY DATA**

TLV: N/A. PEL: N/A.

**SECTION 6 - REACTIVITY DATA**

**STABILITY** Unstable  Stable

**CONDITIONS TO AVOID**  
N/A

**INCOMPATIBILITY (MATERIALS TO AVOID)**

N/A

## SECTION 6 - REACTIVITY DATA (CONTINUED)

## HAZARDOUS DECOMPOSITION OR BYPRODUCTS

N/A

HAZARDOUS POLYMERIZATION May Occur  Will Not Occur 

## CONDITIONS TO AVOID

N/A

## SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- 1.) OBTAIN A SUITABLE BACTERICIDAL SOLUTION SUCH AS 70-90% ISOPROPYL ALCOHOL, 1-2% PHENOL, QUATERNARY COMPOUND OR A LIQUID CHLORINE LAUNDRY BLEACH.
- 2.) REMOVE UNBROKEN VIALS WITH FORCEPS AND WASH THEIR SURFACES WITH THE ABOVE BACTERICIDAL SOLUTION. UNBROKEN VIALS MAY BE RETAINED FOR FUTURE USE.
- 3.) COLLECT EXPOSED DISKS AND CONTAMINATED PACKAGING IN A SUITABLE CONTAINER AND FOLLOW "WASTE DISPOSAL METHODS."
- 4.) WASH ALL EXPOSED SURFACES WITH THE ABOVE BACTERICIDAL SOLUTION.

## WASTE DISPOSAL METHOD

AUTOCLAVE FOR 30 MINUTES AT 15 POUNDS PRESSURE (121 DEG. C), THOROUGHLY INCINERATE, OR SUBMERGE EXPOSED DISKS IN A LIQUID CHLORINE LAUNDRY BLEACH FOR 30 MINUTES.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION

N/A

## LOCAL VENTILATION

N/A

## MECHANICAL VENTILATION

N/A

## SPECIAL VENTILATION

N/A

**SECTION 8 - SPECIAL PROTECTION INFORMATION (CONTINUED)****OTHER VENTILATION**

N/A

**PROTECTIVE GLOVES**

N/A

**EYE PROTECTION**

N/A

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

N/A

**SECTION 9 - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

BACTROL DISKS CONTAIN VIABLE MICROORGANISMS AND SHOULD BE USED ONLY IN LABORATORIES BY MICROBIOLOGISTS OR PERSONS UNDER THE SUPERVISION OF A MICROBIOLOGIST, QUALIFIED BY TRAINING OR EXPERIENCE TO WORK WITH BACTERIA.

**SECTION 10 - OTHER INFORMATION****MISCELLANEOUS INFO.**

N/A = NOT APPLICABLE.