



Curtin Matheson Scientific, Inc.  
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

FISONS

SEP 13 1994

# 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: D1637-358

ITEM NUMBER: 0422482

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, ABSORPTIONSIGNS 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 CONDITIONS TO AVOID** May Occur  Will Not Occur 

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.

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