

MATERIAL SAFETY DATA SHEET

Pharmacal Research Laboratories Inc. • PO BOX 369 Naugatuck, CT 06770
(203) 755-4908 • 800-243-5350 • FAX (203) 755-4309
www.pharmacal.com



HMIS
Health-1 Fire-0 React- 0

DATE OF ISSUE 03/07/2012

I. PRODUCT IDENTIFICATION

PRODUCT NAME:

BIO-Strip 200[®]

MANUFACTURER:

PHARMACAL RESEARCH LABS., INC.
562 Captain Neville Drive
Waterbury, CT 06705

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC
IN CANADA CALL CANUTEC

FOR CHEMICAL EMERGENCY
1-800-424-9300
1-613-996-6666

II. COMPONENTS AND HAZARD INFORMATION

COMPONENTS	CAS NO. OF COMPONENTS	APPROXIMATE CONCENTRATION
CITRIC ACID	77-92-9	< 30 %

WARNING STATEMENTS

KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL USE ONLY

Do not mix with any other chemicals unless compatibility has been established by the manufacturer.

III. EMERGENCY AND FIRST AID PROCEDURES

If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person drink large quantities of milk of magnesia or water.• Do not give carbonates.• Do not induce vomiting.• Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
Inhalation:	<ul style="list-style-type: none">• Move to fresh air.• Consult a physician if irritation of respiratory passages occur.

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IV. FIRE AND EXPLOSION DATA

FLASH POINT (MINIMUM):

NON FLAMMABLE

HANDLING PRECAUTIONS:

KEEP IN WELL VENTILATED AREA - STORE ABOVE 10°C (50°F). USE GOGGLES OR FACESHIELD, RUBBER GLOVES, AND BOOTS WHERE CONTACT IS EXPECTED.

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

USE FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS. EXTINGUISHING MEDIA SHOULD BE SUITABLE FOR SURROUNDING FIRE. COOL DRUMS WITH WATER.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

NONE KNOWN

V. HEALTH AND HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE / SIGNS AND SYMPTOMS OF EXPOSURE:

CONTACT WITH CONCENTRATED MATERIAL MAY CAUSE DAMAGE TO TOOTH ENAMEL. MAY BE MILD EYE AND SKIN IRRITANT.

NATURE OF HAZARD AND TOXICITY INFORMATION:

ACUTE ORAL TOXICITY	> 5 g/kg
SKIN IRRITATION	NOT A PRIMARY SKIN IRRITANT
primary irritation score (index)	0.5
EYE IRRITATION	MATERIAL IS A MILD EYE IRRITANT

VI. PHYSICAL DATA

THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.

SPECIFIC GRAVITY	1.1
pH	1.8
PRODUCT APPEARANCE	PINK LIQUID
SOLUBILITY IN WATER @ 1 ATM AND 25°C	COMPLETE

VII. REACTIVITY

AVOID CONTACT WITH REACTIVE METALS SUCH AS IRON, ZINC, AND ALUMINUM.

VIII. SPILL, LEAK, AND DISPOSAL PROCEDURES

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PROTECTIVE CLOTHING AND EQUIPMENT SHOULD BE WORN. CONTAIN SPILL OR LEAKAGE IN SUITABLE CONTAINER OR HOLDING AREA. NEUTRALIZE AND DISPOSE OF INTO TREATMENT SYSTEM IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

“EMPTY” CONTAINER WARNINGS:

DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE WITH WATER - DISPOSE OF IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

IX. PROTECTION AND PRECAUTIONS

VENTILATION:

ADEQUATE VENTILATION

RESPIRATORY PROTECTION:

FOR MIST USE NIOSH APPROVED RESPIRATOR

PROTECTIVE GLOVES:

RUBBER

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES OR FACESHIELD

OTHER PROTECTIVE EQUIPMENT:

RUBBER BOOTS AND APRON

PERSONAL HYGIENE:

DO NOT GET INTO EYES, ON SKIN OR CLOTHING - WASH THOROUGHLY AFTER USE

X. TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION:

N/A

DOT IDENTIFICATION NUMBER

N/A

SHIPPING DESCRIPTION

COMPOUNDS, CLEANING LIQUID
NMFC ITEM # 48580, SUB 3.

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