



Curtin Matheson Scientific, Inc.
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

MAIL TO: SCHOOLCRAFT COLLEGE

HPS MEMBER
18600 HAGGERTY RD.

LIVONIA, MI 48152-2696

MATERIAL SAFETY DATA SHEET

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS

BIOCHEMICAL SCIENCES

PVT LABEL

PO BOX 518

BRIDGEPORT NJ 08014

EMERGENCY PHONE 800-524-0294

CHEMICAL NUMBER:

ITEM NUMBER: 0356139

VNDR CATLG NBR: 356-139

ENTRY DATE: 02-26-90

CHANGE DATE: 10-23-95

PO NUMBER: 82676

COMMON NAME (ON LABEL)

CMS BUFFER SOLUTION PH 10.00 (COLOR CODED BUFFERS)

CHEMICAL FAMILY

N/G

TRADE NAME & SYNONYMS

CMS BUFFER SOLUTION PH 10.00

CHEMICAL FORMULA

N/G

SECTION 2 - HAZARDOUS INGREDIENTS

| HAZARDOUS COMPONENT | CAS | % (WT) | TLV | PEL |
|------------------------------|------------|--------|-----------|-----------|
| POTASSIUM HYDROXIDE SOLUTION | 1310-58-3 | 1.00 | NOT GIVEN | NOT GIVEN |
| BORIC ACID | 10043-35-3 | 1.00 | NOT GIVEN | NOT GIVEN |
| INHIBITOR (TRACE) | 99-76-3 | .01 | NOT GIVEN | NOT GIVEN |
| FOOD COLORING (TRACE) | 1934-21-0 | .01 | 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

NON-HAZARDOUS COMPONENTS:

SECTION 3 - PHYSICAL DATA

| | | |
|------------------------------|------------------------|---------------------|
| BOILING POINT | VOLATILE BY VOLUME (%) | VAPOR PRESSURE |
| 100 C | N/G | 24 |
| MELTING POINT | VAPOR DENSITY | SOLUBILITY IN WATER |
| N/A | N/A | N/A |
| EVAPORATION RATE (BUAC = 1) | SPECIFIC GRAVITY | |
| N/A | EQUIVALENT OF 1.0 | |

APPEARANCE AND ODOR
BLUE, ODORLESS SOLUTION

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

NONE

SPECIAL FIRE FIGHTING PROCEDURES

N/A

SECTION 5 - HEALTH HAZARD DATA**HEALTH HAZARDS (ACUTE & CHRONIC)**
SEE SIGNS AND SYMPTOMS OF EXPOSURE.**PRIMARY ROUTES OF EXPOSURE**
SKIN, INGESTION**SIGNS AND SYMPTOMS OF EXPOSURE**

PRODUCT IS NOT EXPECTED TO PRESENT A HEALTH HAZARD WHEN EMPLOYING GOOD LABORATORY PRACTICES.

SECTION 5 - HEALTH HAZARD DATA (CONTINUED)**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

N/A

CARCINOGENICITY

NO

NTP ☐ Yes ☐ NoIARC ☐ Yes ☐ NoOSHA ☐ Yes ☒ No**EMERGENCY AND FIRST AID PROCEDURES**

INGESTION: INDUCE VOMITING OF CONSCIOUS PATIENT BY GIVING TWO GLASSES OF WATER AND PRESSING FINGER DOWN THROAT. CONTACT A PHYSICIAN IMMEDIATELY. INHALATION: N/A

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH WATER. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

EYE CONTACT: FLUSH EYES WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN IMMEDIATELY.

THRESHOLD LIMITS / TOXICITY DATA

NONE INDICATED.

SECTION 6 - REACTIVITY DATA**STABILITY**Unstable ☐ Stable ☒**CONDITIONS TO AVOID**

NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

NONE

SECTION 6 - REACTIVITY DATA (CONTINUED)**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

NONE

HAZARDOUS POLYMERIZATION May Occur ☐ Will Not Occur ☒
CONDITIONS TO AVOID
WILL NOT OCCUR

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
CONTAIN THE SPILL WITH ABSORBENT MATERIAL OR MOP UP WITH WATER.

WASTE DISPOSAL METHOD

DISPOSAL SHOULD BE CARRIED OUT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION**

NONE

LOCAL VENTILATION

N/A

MECHANICAL VENTILATION

GENERAL

SPECIAL VENTILATION

N/A

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

N/A

PROTECTIVE GLOVES

NONE

EYE PROTECTION

SAFETY GLASSES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

SECTION 9 - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**NORMAL LABORATORY CARE. WASH WITH SOAP AND
WATER AFTER HANDLING.**SECTION 10 - OTHER INFORMATION****MISCELLANEOUS INFO.**N/A = NOT APPLICABLE. N/A = NOT
AVAILABLE. N/G = NOT GIVEN.

RECEIVED

30 JUL 30

7:58

SCHOOL CRAFT COLLEGE
PURCHASE DEPARTMENT