SECTION 1  IDENTIFICATION

MYRON L® COMPANY  2450 IMPALA DRIVE, CARLSBAD, CA 92010

INFORMATION PHONE #: (760) 438-2021, Contact either Jerry Adams or Gary Robinson
BUSINESS HOURS: Monday through Friday 7:00-3:30 p.m., (Pacific Time)
This and additional Myron L Safety Data Sheets (SDS) are available on the World Wide Web at: http://www.myronl.com

PRODUCT: pH Calibration Buffer Solution
CATALOG NUMBERS: pH 4.00 Buffer

SECTION 2  HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
NON-FLAMMABLE, NON-TOXIC, NON CORROSIVE.
DOES NOT PRESENT ANY SIGNIFICANT HEALTH HAZARDS IF HANDLED CORRECTLY.

PICTOGRAMS:  NONE
SIGNAL WORD:  NONE

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: IRRITATING TO EYES, MUCOUS MEMBRANES, SKIN AND DIGESTIVE TRACT.
ROUTES OF ENTRY:
CARCINOGENICITY: MATERIAL IS NOT LISTED (IARC, NTP, OSHA) AS A CANCER CAUSING AGENT.

SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Buffered Phthalate Solution
TRADE NAME & SYNONYMS: pH Reference Buffer Solution, pH 4.00

CHEMICAL FAMILY: Buffered Phthalate Dillute Solution
CAS #: Potassium Hydrogen Phthalate #877-24-7
Water #7732-18-5

CHEMICAL FORMULA: KHC₈H₄O₄ and H₂O

SECTION 4  FIRST-AID MEASURES

FIRST AID PROCEDURES:
EYE CONTACT:
SKIN CONTACT:
INGESTION:

FLUSH WITH LARGE AMOUNTS OF WATER.
WASH WITH SOAP AND RINSE WITH LARGE AMOUNTS OF WATER.
DRINK PLENTY OF WATER, INDUCE VOMITING, SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION 5  FIRE-FIGHTING MEASURES

FLASH POINT (TEST METHOD) N/A
FLAMMABLE LIMITS N/A
Lei N/A
Uei N/A
EXTINGUISHING MEDIA NON-FLAMMABLE
SPECIAL HAZARDS & PROCEDURES N/A
UNUSUAL FIRE & EXPLOSION HAZARDS N/A

SECTION 6  ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
CLEAN SPILL USING ABSORBENT MATERIALS AND WATER, AND THEN AIR OUT AREA.

SECTION 7  HANDLING AND STORAGE

HANDLING: NORMAL USE DOES NOT GENERATE A HAZARDOUS SITUATION WHEN HANDLED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

STORAGE: STORE AT ROOM TEMPERATURE.
SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:  NONE KNOWN.
RESPIRATORY PROTECTION:  NONE REQUIRED.
VENTILATION:  NONE REQUIRED.
EYE PROTECTION:  RECOMMENDED.
PROTECTIVE GLOVES:  NONE REQUIRED.
PROTECTIVE CLOTHING:  NONE REQUIRED.

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

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<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point, 760mm Hg (°C)</td>
<td>100</td>
<td>Specific Gravity</td>
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</tr>
<tr>
<td>Freeze Point (°C)</td>
<td>0</td>
<td>Solubility in H2O, % by wt. @ 20° C</td>
<td>100%</td>
</tr>
<tr>
<td>Vapor Pressure @ 20° C</td>
<td>14 Torr</td>
<td>Appearance and Odor</td>
<td>Pink or light red, odorless liquid</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>0.7 (H2O)</td>
<td>Evaporation Rate (Ether = 1)</td>
<td>1.0</td>
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<tr>
<td>Percent Volatiles by Volume</td>
<td>N/A</td>
<td>pH:</td>
<td>4.00 pH</td>
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SECTION 10  STABILITY AND REACTIVITY

STABILITY:  Product stable under normal temperatures and pressures.
REACTIVITY:  SAME AS WATER.

CONDITIONS TO AVOID:  NONE KNOWN.
MATERIALS TO AVOID:  (N/A) WATER, (N/A) ACIDS, (N/A) BASES, (N/A) OTHER SPECIFY

SECTION 11  TOXICOLOGICAL INFORMATION

TOXICITY DATA:  N/A
TOXICOLOGICAL FINDING:  Tests on laboratory animals indicate material does not produce adverse mutagenic effects. Cited in Registry of Toxic Effects of Chemical Substances (RTECS)

SECTION 12  ECOLOGICAL INFORMATION

ECOTOXICITY:  No data available. No relevant information available.
OTHER ADVERSE EFFECTS:  No relevant information available.

SECTION 13  DISPOSAL CONSIDERATIONS

EPA WASTE NO. & DISPOSAL TREATMENT:  MATERIAL DOES NOT HAVE AN EPA WASTE NUMBER AND IS NOT A LISTED WASTE.
NOTE:  ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE AND ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

SECTION 14  TRANSPORT INFORMATION

DOT SHIPPING NAME:  NON-REGULATED
DOT NUMBER:  NONE
IATA/ICAO:  Non-Hazardous Substance. No UN-Number.
SECTION 15  REGULATORY INFORMATION

TSCA INVENTORY: THE CAS NUMBER OF THIS PRODUCT IS LISTED ON THE TSCA INVENTORY.

COMPONENT ............... N/A
SARA EHS (302) ............... N/A
SARA EHS TOQ (LBS) ............... N/A
CERCLA RO (LBS) ............... N/A
OSHA FLOOR LIST ............... N/A
SARA 313 ............... N/A
DeMinimis for SARA 313 (%) ............... N/A

SECTION 16  OTHER INFORMATION

DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us; however, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

<table>
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<tr>
<th>NFPA Hazard Ratings</th>
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<tr>
<td>Health:</td>
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<tr>
<td>Flammability:</td>
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<tr>
<td>Reactivity:</td>
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<tr>
<td>Special Hazards:</td>
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SDS APPROVED BY: [Signature]

3/12/07