SAFETY DATA SHEET
Preparation & Last date Printed: 03/09/17  REV: B
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pH10

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 10.00 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:  INGESTION.
CARCINOGENICITY:  MATERIAL IS NOT LISTED (IARC, NTP, OSHA) AS A CANCER CAUSING AGENT.

SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Buffered Carbonate Solution
TRADE NAME & SYNONYMS: pH Reference Buffer Solution, pH 10.00
CHEMICAL FAMILY: Buffered Carbonate Dilute Solution
CAS #: Sodium Bicarbonate #144-55-8
Sodium Carbonate #497-19-8
Water #7732-18-5

CHEMICAL FORMULA: NaHCO₃, Na₂CO₃ and H₂O

SECTION 4  FIRST-AID MEASURES

FIRST AID PROCEDURES:
EYE CONTACT:  FLUSH WITH LARGE AMOUNTS OF WATER.
SKIN CONTACT:  WASH WITH SOAP AND RINSE WITH LARGE AMOUNTS OF WATER.
INGESTION:  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
LEL N/A
UEL 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.
pH10

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT, 760mm Hg (°C)</td>
<td>100</td>
</tr>
<tr>
<td>FREEZE POINT (°C)</td>
<td>0</td>
</tr>
<tr>
<td>VAPOR PRESSURE @ 20° C</td>
<td>14 TORR</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>0.7 (H2O)</td>
</tr>
<tr>
<td>PERCENT VOLATILES BY VOLUME</td>
<td>N/A</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.0</td>
</tr>
<tr>
<td>SOLUBILITY IN H2O,% BY WT. @ 20° C</td>
<td>100%</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>BLUE ODORLESS LIQUID</td>
</tr>
<tr>
<td>EVAPORATION RATE (ETHER = 1)</td>
<td>1.0</td>
</tr>
<tr>
<td>pH</td>
<td>10.00pH</td>
</tr>
</tbody>
</table>

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 RQ (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.

| NFPA Hazard Ratings |  
|---------------------|---|
| **Health:**         | 0 |
| **Flammability:**   | 0 |
| **Reactivity:**     | 0 |
| **Special Hazards:**| 0 |

**SDS APPROVED BY:**

[Signature]

3/22/17