

# SAFETY DATA SHEET

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## 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.

### 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

**CHEMICAL FORMULA:** NaHCO<sub>3</sub>, Na<sub>2</sub>CO and H<sub>2</sub>O

**CAS #:** Sodium Bicarbonate #144-55-8  
Sodium Carbonate #497-19-8  
Water #7732-18-5

## 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	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.

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**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**

<b>BOILING POINT, 760mm Hg ( °C )</b>	100	<b>SPECIFIC GRAVITY</b>	1.0
<b>FREEZE POINT ( °C )</b>	0	<b>SOLUBILITY IN H<sub>2</sub>O,% BY WT. @ 20° C</b>	100%
<b>VAPOR PRESSURE @ 20° C</b>	14 TORR	<b>APPEARANCE AND ODOR</b>	BLUE, ODORLESS LIQUID
<b>VAPOR DENSITY</b>	0.7 (H <sub>2</sub> O)	<b>EVAPORATION RATE (ETHER = 1)</b>	1.0
<b>PERCENT VOLATILES BY VOLUME</b>	N/A	<b>pH:</b>	10.00pH

**SECTION 10 STABILITY AND REACTIVITY**

<b>STABILITY:</b> Product stable under normal temperatures and pressures.	<b>CONDITIONS TO AVOID:</b> NONE KNOWN.
<b>REACTIVITY:</b> SAME AS WATER.	<b>MATERIALS TO AVOID:</b> (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.

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**SECTION 15 REGULATORY INFORMATION**

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**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

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**SECTION 16 OTHER INFORMATION**

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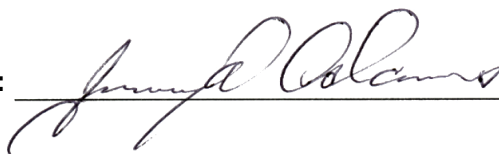
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**NFPA Hazard Ratings**

Health:	0
Flammability:	0
Reactivity:	0
Special Hazards:	0

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SDS APPROVED BY:

  
5/22/14