SAFETY DATA SHEET

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pH10

SAN JOAQUIN CHEMICALS, INC.
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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: $NaHCO_3$, Na_2CO and H_2O

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	**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.

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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

BOILING POINT, 760mm Hg (°C)	100	**SPECIFIC GRAVITY**	1.0
FREEZE POINT (°C)	0	**SOLUBILITY IN H_2O,% BY WT. @ 20° C**	100%
VAPOR PRESSURE @ 20° C	14 TORR	**APPEARANCE AND ODOR**	BLUE, ODORLESS LIQUID
VAPOR DENSITY	0.7 (H_2O)		
PERCENT VOLATILES BY VOLUME	N/A	**EVAPORATION RATE (ETHER = 1)**	1.0
		pH:	10.00pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Product stable under normal temperatures and pressures.	**CONDITIONS TO AVOID:** NONE KNOWN.
REACTIVITY: SAME AS WATER.	**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.

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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: Jennifer A. Adams 5/22/14