

# SAFETY DATA SHEET

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NaHCO<sub>3</sub>

## 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:** Sodium Bicarbonate Alkalinity Solution

**CATALOG NUMBERS:** NaHCO<sub>3</sub>-100 Alkalinity Standard, Alk-100 2OZ./QT., 9PTKA, PS9TKA

## 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:** Aqueous Salt Solution

**TRADE NAME & SYNONYMS:** Alkalinity Standard Solution

**CHEMICAL FAMILY:** Inorganic Salts

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

**CAS #:** Sodium Bicarbonate  
Water

#144-55-8  
#7732-18-5

## SECTION 4 FIRST-AID MEASURES

### FIRST AID PROCEDURES:

**EYE CONTACT:** FLUSH WITH LARGE AMOUNTS OF WATER.

**SKIN CONTACT:** RINSE WITH LARGE AMOUNTS OF WATER.

**INGESTION:** DRINK PLENTY OF WATER, DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

## 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

BOILING POINT, 760 mm Hg (°C)	102-107	SPECIFIC GRAVITY	1.0
FREEZE POINT (°C)	-0 TO -20	SOLUBILITY IN H <sub>2</sub> O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	N/A	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	N/A		
PERCENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE	N/A
		pH:	8.3 ±0.3

## 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: Not information found.  
OTHER ADVERSE EFFECTS: This material is not expected to be toxic to aquatic life.

## SECTION 13 DISPOSAL CONSIDERATIONS

EPA WASTE NO. AND 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, AND 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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**NFPA Hazard Ratings**  
Health: 0  
Flammability: 0  
Reactivity: 0  
Special Hazards: 0

SDS APPROVED BY:

