

MATERIAL SAFETY DATA SHEET

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Page 1 of 2

NaHCO₃

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MYRON L COMPANY 2450 IMPALA DRIVE, CARLSBAD, CA 92010

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BUSINESS HOURS: Monday through Friday 7:00 a.m.-3:30 p.m. (Pacific Time)

This and additional Myron L Material Safety Data Sheets (MSDS) are available on the World Wide Web at: <http://www.myronl.com>

CHEMICAL NAME: Aqueous Salt Solution

CATALOG NUMBERS: NaHCO₃-100 Alkalinity Standard

TRADE NAME & SYNONYMS: Alkalinity Standard Solution

CHEMICAL FAMILY: Inorganic Salts

CHEMICAL FORMULA: NaHCO₃ and H₂O

CAS #: Sodium Bicarbonate
Water

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

SECTION 2 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 ₂ O, % BY WT. @ 20°C | 100% |
| VAPOR PRESSURE @ 20°C | N/A | APPEARANCE AND ODOR | COLORLESS, ODORLESS LIQUID |
| VAPOR DENSITY | N/A | EVAPORATION RATE | N/A |
| PERCENT VOLATILES BY VOLUME | N/A | | |

SECTION 3 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 4 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 5 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 6 HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: NONE KNOWN.
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 7 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.

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SECTION 8 PERSONAL PROTECTION

RESPIRATORY PROTECTION: NONE REQUIRED.
VENTILATION: NONE REQUIRED.
EYE PROTECTION: RECOMMENDED.
PROTECTIVE GLOVES: NONE REQUIRED.
PROTECTIVE CLOTHING: NONE REQUIRED.

SECTION 9 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 10 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 11 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 12 TRANSPORT INFORMATION

DOT Shipping Name.....Non-Regulated
DOT Number.....None

SECTION 13 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 LISTN/A
SARA 313N/A
DeMinimis for SARA 313 (%) N/A

SECTION 14 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, expressed 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

MSDS APPROVED BY: Jerry D. Adams