

# SAFETY DATA SHEET

Date Prepared : 02/10/2015  
 SDS No. : Rx Clear Alkalinity  
 Date Revised : 04/21/2015  
 Revision No : 1

## Rx Clear Alkalinity

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Rx Clear Alkalinity  
**GENERAL USE:** Alkalinity Increaser for Swimming Pools  
**GENERIC NAME:** Sodium Bicarbonate; Sodium Hydrogen Carbonate

#### DISTRIBUTOR

Leisure Living  
 574 Main St.  
 Tonawanda, NY 14150  
**Product Stewardship:** 800-356-3026

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

Not a dangerous substance/mixture according to GHS standards

#### HAZARD STATEMENTS

**CARCINOGENICITY:** No known effects.

**HEALTH HAZARDS:** Product dust may cause mechanical eye irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hydrogen Carbonate; Sodium Bicarbonate	100	144-55-8

### 4. FIRST AID MEASURES

**EYES:** Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

**INHALATION:** Remove to fresh air. If symptoms occur, get medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** No known effect.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** Not flammable.

**GENERAL HAZARD:** No specific hazards.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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### 6. ACCIDENTAL RELEASE MEASURES

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Prevent spill rinsate from contamination of storm drains, sewers, soil or groundwater.

**GENERAL PROCEDURES:** Scoop up into dry clean containers. Wash away uncontaminated residue with water.

**COMMENTS:** Avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Use with adequate ventilation.

**STORAGE:** Store in a cool, dry place away from acids.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Does not contain any hazardous materials with occupational exposure limits established. Local nuisance dusts apply.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields or goggles.

**SKIN:** Protective gloves.

**RESPIRATORY:** A respirator or dust mask approved by NIOSH/MSHA should be worn when breathing zone cannot be controlled with ventilation.

**PROTECTIVE CLOTHING:** Body protective clothing and shoes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** None.

**APPEARANCE:** White crystalline.

**pH:** 8.3 (1% solution.)

**FLASHPOINT AND METHOD:** Not combustible.

**FLAMMABLE LIMITS:** 0 to 0

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY:** N/A.

**BOILING POINT:** N/A

**FREEZING POINT:** N/A

**MELTING POINT:** Decomposes

**SOLUBILITY IN WATER:** 96 g/l at 20°C

**DENSITY:** 66 lbs. per cubic foot.

**SPECIFIC GRAVITY:** 2.22

**MOLECULAR WEIGHT:** 84.01

### 10. STABILITY AND REACTIVITY

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**REACTIVITY:** None under normal use conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heat, humidity, strong odors.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Reacts with acids to release carbon dioxide gas and heat.

**INCOMPATIBLE MATERIALS:** Acids.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**ORAL LD<sub>50</sub>:** > 5000 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** > 4.74 mg/L (rat) 4.5 hr.

**EYE EFFECTS:** Non-irritating (rabbit)

**SKIN EFFECTS:** Non-irritating (rabbit) May abrade skin when moisture is present.

**CHRONIC:** No effects known.

#### CARCINOGENICITY

**Notes:** Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

**SENSITIZATION:** Non-sensitizer.

**MUTAGENICITY:** Non-mutagenic.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Not expected to have significant environmental effects.

**BIOACCUMULATION/ACCUMULATION:** This product is not expected to bioaccumulate.

**AQUATIC TOXICITY (ACUTE):** Algae (*Nitzschia linearis*) EC50 = 650 mg/l 120 h

Daphnids EC50 = 2300 mg/l, 48 h

Bluegill LC50 = 8250 - 9000 mg/l

Rainbow Trout LC50 = 7700 mg/l

**96-HOUR LC<sub>50</sub>:** 7100 mg/L (Bluegill Sunfish)

**48-HOUR EC<sub>50</sub>:** 4100 mg/L (Daphnia Magna)

**96-HOUR EC<sub>50</sub>:** 7700 mg/L (Rainbow Trout)

**CHEMICAL FATE INFORMATION:** Biodegradability does not apply to inorganic substances.

**COMMENTS:** Dissociates into ions.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with applicable local, state, and federal regulations.

**RCRA/EPA WASTE INFORMATION:** This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

**GENERAL COMMENTS:** If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations.

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### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Not listed.

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** Not regulated.

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Not regulated.

##### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

**29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** Not hazardous.

#### REGULATIONS

**STATE REGULATIONS:** Not regulated.

**CALIFORNIA PROPOSITION 65:** This product does not contain any Proposition 65 chemicals.

### 16. OTHER INFORMATION

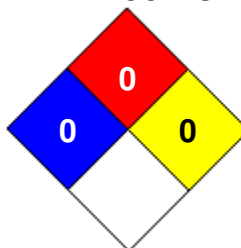
Date Revised: 04/21/2015

**REVISION SUMMARY:** This SDS replaces the 02/10/2015 SDS. Revised: **Section 2:** EMERGENCY OVERVIEW - IMMEDIATE CONCERNS HEALTH HAZARDS, POTENTIAL HEALTH EFFECTS ( SKIN, INHALATION, INGESTION ). **Section 3:** Wt.%. **Section 5:** EXTINGUISHING MEDIA, HAZARDOUS COMBUSTION PRODUCTS. **Section 6:** SPECIAL PROTECTIVE EQUIPMENT, WATER SPILL. **Section 7:** COMMENTS, GENERAL PROCEDURES, STORAGE. **Section 9:** MOLECULAR WEIGHT, SOLUBILITY IN WATER. **Section 10:** COMMENTS, CONDITIONS TO AVOID, INCOMPATIBLE MATERIALS, STABLE. **Section 11:** ACUTE ( ORAL LD<sub>50</sub> (rat), INHALATION LC<sub>50</sub> (rat), INHALATION LC<sub>50</sub> (rat), INHALATION LC<sub>50</sub> (rat), ORAL LD<sub>50</sub> (rat) ), CHRONIC, MUTAGENICITY, SENSITIZATION, Notes. **Section 12:** CHEMICAL FATE INFORMATION, AQUATIC TOXICITY (ACUTE) ( 48-HOUR EC<sub>50</sub>, 96-HOUR LC<sub>50</sub>, 48-HOUR EC<sub>50</sub>, 96-HOUR EC<sub>50</sub>, 96-HOUR EC<sub>50</sub> ). **Section 13:** RCRA/EPA WASTE INFORMATION. **Section 15:** 313 REPORTABLE INGREDIENTS, STATE REGULATIONS, CALIFORNIA PROPOSITION 65.

#### HMIS RATING

HEALTH	<input type="text"/>	0
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

#### NFPA CODES



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