



SAFETY DATA SHEET
pH Hold

Product Name: pH Hold
Date: 9/28/2015

SECTION 1 **IDENTIFICATION**

Supplier: Phoenix Products Company
55 Container Drive
Terryville, CT 06786
(800) 928-7665
Distributor:

U.S. PERS Emergency Telephone: 1-800-633-8253
Product Name: pH Hold
Synonyms: Sodium Hydrogen Carbonate
Chemical Name: Sodium Bicarbonate
Chemical Formula: CHNaO₃
CAS Number: 144-55-8

SECTION 2 **HAZARDS IDENTIFICATION**

Emergency Overview

Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Bicarbonate	144-55-8	8%

SECTION 4 **FIRST-AID MEASURES**

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact: Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

Notes To Physician: Treat symptomatically



SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, dry chemical, water spray, alcohol-resistant foam.
Specific hazards arising from the substance or mixture: No data available.

Protective Equipment and Precautions For Firefighters: Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

NFPA Rating: Health: 0
Fire: 0
Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing dust. Avoid skin contact. Avoid eye contact. Wash hands after use.

Methods and Material for Containment and Cleaning Up: Apply personal protective equipment (see Section 8). Contain spill. Prevent further leakage if possible and safe to do so. Ensure proper ventilation. For small amounts, wipe or absorb spill using inert material and dispose of according to local regulations. For large amounts, evacuate area and limit access. Prevent entry of material into sewage drains and confined areas. Dispose of any contaminated materials according to local regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Storage: Refer to Section 2.2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: No exposure standards allocated.

Appropriate Engineering Controls: Use in a properly ventilated area. Remove/wash before reuse contaminated clothing. Wash hands upon exiting work premises.

Personal Protective Equipment:

Eye/Face Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).



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Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: No data available.

Respiratory Protection: No data available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Translucent, colorless liquid.
Odor:	Odorless
Odor Threshold:	Not Available
pH:	Not Available
Melting Point/Freezing Point:	ca. 0°C (ca. 32°F)
Initial Boiling Point and Boiling Range:	ca. 100°C (ca. 32°F)
Flash Point:	Not Available
Evaporation Rate:	Evap. Rate of water = 1; 1
Flammability (solid, gas)	Not flammable
Upper Flammability or Explosive Limits:	Not Available
Lower Flammability or Explosive Limits:	Not Available
Vapor Pressure:	18 mm Hg at 20°C
Vapor Density:	Not Available
Relative Density:	For water in air = 1; 1
Solubility(ies):	Soluble
Partition Coefficient (n-octanol/water):	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	1.222 (mPa)(s) at 20°C

SECTION 10 STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable in a closed container within label-specified storage temperature and expiration date.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: No data available.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: No data available.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 Oral - Rat - 4,220 mg/kg

LD50 Oral - Mouse - 3360 mg/kg

LC50 Inhalation - Rat - >900mg/m³

Skin Corrosion/Irritation: No data available.



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Serious Eye Damage/Eye Irritation: No data available.
Respiratory or Skin Sensitization: No data available.
Germ Cell Mutagenicity: No data available.
Reproductive Toxicity: No data available
Specific target organ toxicity - single exposure: No data available
Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard: No data available

Carcinogenicity

IARC: None of the components are listed
NTP: None of the components are listed
OSHA: None of the components are listed

SECTION 12 **ECOLOGICAL INFORMATION**

Ecotoxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13 **DISPOSAL CONSIDERATIONS**

Waste Disposal Methods

Contents: Dispose of contents in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of packaging in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 14 **TRANSPORTATION DATA**

DOT: Not Regulated
TDG: Not Regulated
MEX: Not Regulated
IMDG: Not Regulated
IATA: Not Regulated

SECTION 15 **REGULATORY INFORMATION**

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



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SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:	CAS-No.	Revision Date
Sodium hydrogencarbonate	144-55-8	

New Jersey Right To Know Components:	CAS-No.	Revision Date
Sodium hydrogencarbonate	144-55-8	

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 ADDITIONAL INFORMATION
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HMIS Ratings: Health: 0 Flammability: 0 Physical Hazard: 0

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 9/28/2015
Phoenix Products Company