HI-VALLEY CHEMICAL
LABORATORY PRODUCTS
1134 W. 850 N. CENTERVILLE, UT 84014
(801) 295-9591 Fax (801) 295-9448
www.hvchemical.com

Sodium Bicarbonate

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Sodium Bicarbonate
SDS Number: R-129
Revision Date: 9/19/2018
Version: 1

Supplier Details: High Valley Products, Inc.
1134 West 850 North
Centerville, Utah 84014

Phone: 801-295-9591
Email: sales@hvchemical.com
Internet: www.hvchemical.com
Emergency: PERS: 800-633-8253

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: NONE

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

No GHS precautionary statements indicated

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
144-55-8	100%	Sodium Bicarbonate

4 FIRST AID MEASURES

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact: Wash with soap and water.
Eye Contact: Flush eyes with water as a precaution.
Ingestion: If swallowed , wash the mouth with plenty of water and give water to drink. If person is unconscious DO NOT give anything to drink. DO NOT induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture
No data available

Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

Further information
No data

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Wear respiratory protection. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation.

Environmental precautions:
Do not let product enter drains.

Methods and materials for containment and cleaning up:
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Avoid formation of dust. Avoid breathing vapors or mist.

Storage Requirements: Keep container tightly closed. Store in cool/dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Carbonic acid monosodium salt cas#:(144-55-8) [100%]

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).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves 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.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains.

Carbonic acid monosodium salt cas#:(144-55-8) [100%]

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Odor:	None
Odor Threshold:	No data available
Particle Size:	No data available
Solubility:	50g/L
Specific Gravity or Density:	2.160 g/cm3
Softening Point:	No data available
Viscosity:	No data available
Percent Volatile:	No data available
Heat Value:	No data available
Boiling Point:	No data available
Freezing or Melting Point:	300 °C (572 °F)
Flammability:	No data available
Flash Point:	No data available
Partition Coefficient:	No data available
Potentia Hydrogenii:	No data available
Volatile organic compound:	No data available
Evaporation Rate:	No data available
Autoignition Temperature:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoldentification:	Avoid moisture
Materials to Avoldentification:	Strong Acids; Strong Oxidizing Agents.
Hazardous Decomposition:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxidesHazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides

11 TOXICOLOGICAL INFORMATION

Carbonic acid monosodium salt cas#:(144-55-8) [100%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 4,220 mg/kg
Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - Human Result: Mild skin irritation - 3 d

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 30 s

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human

carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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

Additional Information:

RTECS: VZ0950000

Exposure to large amounts can cause:, Gastrointestinal disturbance, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material.

12 ECOLOGICAL INFORMATION

Carbonic acid monosodium salt cas#:(144-55-8) [100%]

Information on ecological effects

Toxicity: 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

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

Non DOT regulated

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Carbonic acid monosodium salt (144-55-8) [100%] TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

Revision Date: 9/19/2018