SECTION 1: IDENTIFICATION

Product Identifier | Sodium Bicarbonate | Vinegar (>100 - 300 grain)

Product Form: | Substance | Mixture

Product Name: | Sodium Bicarbonate | Vinegar (>100 - 300 grain)

CAS No: | 144-55-8 | >100 - 300 grain vinegar

Formula: | NaHCO3 | Product/Food Ingredient

Synonyms: | Baking Soda | Intended Use of the Product

Intended Use of the Product | Food Ingredient, Pharmaceutical, Household and Personal Care Product, Water Treatment, General Industrial Use. | Chemical Emergency:

Name, Address, and Telephone of the Responsible Party | Church & Dwight | Mizkan Americas, Inc.

500 Charles Ewing Blvd, Ewing Township, NJ 08628 | David Bierdeman, Director of Quality Assurance

T 1-800-524-1328 www.churchdwight.com | 1661 Feehanville Dr., Suite 300 Mount Prospect, IL 60056

Emergency Telephone Number | For Medical Emergency: 1-888-234-1828, For Chemical Emergency: 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Sodium Bicarbonate | Classification (GHS-US): Not classified

Classification of the substance or mixture:

Label Elements: | The consumer variant of this product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA, and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

GHS-US Labeling: | No labeling applicable

Vinegar (>100 - 300 grain)

Classification (GHS-US):

Skin Corr. 1A H314.

Serious Eye Damage 1 H318.

Full text of H-phrases: see section 16.

Hazard pictograms (GHS-US):

GHS05 Signal word (GHS-US): Danger.

Hazard statements (GHS-US): H314 - Causes severe skin burns and eye damage.

Precautionary statements (GHS-US):

P260 - Do not breathe mist, spray, or vapors.

P264 - Wash exposed skin thoroughly after handling.

P280 - Wear chemical goggles and face shield. Wear protective clothing and gloves made of Butyl rubber or equivalent material.

P301 + P330 + P331 - If swallowed: rinse mouth. Do NOT induce vomiting. Drink plenty of water.

P303 + P361 + P353 - If on skin (or hair): Take off immediately all contaminated clothing. Gently wash skin/hair with plenty of mild soap and water.

P304 + P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 20 minutes. If eye irritation persists: Get medical advice/attention.

P310 - Immediately call a POISON CENTER.

P321 - Specific treatment (see Section 4 and the label).

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container to comply with local/regional/national/international regulations.

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Prolonged contact with dust can produce mechanical irritation.

Unknown Acute Toxicity (GHS-US): Not available

No additional information available.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substances</th>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Sodium Bicarbonate</td>
<td>Vinegar (&gt;100 - 300 grain)</td>
</tr>
<tr>
<td>CAS No:</td>
<td>144-55-8</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium bicarbonate</td>
<td>(CAS No) 144-55-8</td>
<td>100</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

**Sodium Bicarbonate**

**Description of First Aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:** Brush off loose particles from skin. Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical attention if a large amount is swallowed.

**Most Important Symptoms and Effects Both Acute and Delayed**

**General:** None expected under normal conditions of use.

**Inhalation:** Prolonged inhalation of dust may cause respiratory irritation. Irritating to the nose, throat, and respiratory tract.

**Skin Contact:** Skin contact with large amounts of dust may cause mechanical irritation. Contact with material may irritate or burn skin.

**Eye Contact:** Contact may cause irritation due to mechanical abrasion. Extremely irritating to the eyes. If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness.

**Ingestion:** Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema. Can irritate or burn mouth, throat, and stomach if swallowed.

**Chronic Symptoms:** None expected under normal conditions of use.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

**Sodium Bicarbonate**

**Extinguishing Media**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** For surrounding fire: Use of heavy stream of water may spread fire.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** NOT FLAMMABLE. Under fire conditions, hazardous fumes will be present.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Vinegar (>100 - 300 grain)**

**Extinguishing Media**

**Suitable Extinguishing Media:** Any. Use media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Material is not combustible.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Material is not combustible.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Stable under normal conditions of use.
SECTION 5: FIRE-FIGHTING MEASURES

**Sodium Bicarbonate**

**Vinegar (>100 - 300 grain)**

**Advice for Firefighters**

Precautionary Measures Fire: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO2). Sodium oxides.

Reference to Other Sections: Refer to section 9 for flammability properties.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Sodium Bicarbonate**

**Vinegar (>100 - 300 grain)**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

**For Non-Emergency Personnel**

Protective Equipment: Use appropriate personal protection equipment (PPE).


**For Emergency Personnel**

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

**Environmental Precautions**

Avoid release to the environment: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

**For Containment:** Contain and collect as any solid.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Avoid generation of dust during clean-up of spills. Keep in suitable, closed containers for disposal. Contact competent authorities after a spill.

**Large Spills Procedure:** Contain spilled material. Large spills may be neutralized with dilute alkaline solutions of soda ash, or lime. Avoid runoff into storm sewers and ditches that lead to waterways. Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements.

**Small Spills Procedure:** Treat or dispose of waste material as a weak acid in accordance with all local, state/provincial, and national requirements. Water may be used to dilute.

Reference to Other Sections: See heading 8, Exposure Controls and Personal Protection.

**SECTION 7: HANDLING AND STORAGE**

**Sodium Bicarbonate**

**Vinegar (>100 - 300 grain)**

**Precautions for Safe Handling**

**Additional Hazards When Processed:** When heated, material emits irritating fumes.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

**Hygiene Measures:** Always wash with plenty of mild soap and water after handling the product. Wash contaminated clothing before reuse.

Reference to Other Sections: See heading 8, Exposure Controls and Personal Protection.
SECTION 7: HANDLING AND STORAGE

Section 7: Handling and Storage

### Sodium Bicarbonate

**Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Materials:** Acids. Water. Lime.

**Storage Temperature:** < 65 °C (150 °F)

**Specific End Use(s):** Food Ingredient, Pharmaceutical, Water Treatment, General Industrial Use

### Vinegar (>100 - 300 grain)

**Exposure controls:** Keep container tightly closed in a dry and well-ventilated place.

**Incompatible Materials:** Store away from strong oxidizing materials. Strong bases.

**Storage Temperature:**

- Use of the substance/mixture: Product/Food Ingredient.

### Exposure Controls

**Appropriate Engineering Controls:**
- For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
- Store away from strong oxidizing materials. Strong bases.
- Use of the substance/mixture: Product/Food Ingredient.

**Personal Protective Equipment:**
- For occupational or bulk quantities: Gloves. Safety glasses. Dust formation: dust mask.
- Avoid all unnecessary exposure.
## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Controls</th>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials for Protective Clothing:</strong></td>
<td>For occupational or bulk quantities: Chemically resistant materials and fabrics.</td>
<td>When prolonged or frequently repeated contact could occur, use protective clothing made of Butyl rubber or equivalent material.</td>
</tr>
<tr>
<td><strong>Hand Protection:</strong></td>
<td>For occupational or bulk quantities: Wear chemically resistant protective gloves.</td>
<td>In case of repeated or prolonged contact wear gloves made of Butyl rubber or equivalent material.</td>
</tr>
<tr>
<td><strong>Eye Protection:</strong></td>
<td>For occupational or bulk quantities: Chemical goggles or safety glasses.</td>
<td>Wear chemical goggles or safety glasses for 100 to 200 grain. Wear chemical goggles plus face shield for 200 or 300 grain.</td>
</tr>
<tr>
<td><strong>Respiratory Protection:</strong></td>
<td>Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.</td>
<td>If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.</td>
</tr>
<tr>
<td><strong>Other Information:</strong></td>
<td>When using, do not eat, drink or smoke.</td>
<td></td>
</tr>
</tbody>
</table>

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
<td>White, crystalline powder</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Odor Threshold:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>8.2 (1% Solution)</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting Point:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Freezing Point:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flash Point:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Auto-ignition Temperature:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Decomposition Temperature:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas):</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Upper/Lower Flammable Limit:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Relative Vapor Density at 20 °C:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific gravity / density:</strong></td>
<td>62 lb/ft³</td>
</tr>
<tr>
<td><strong>Specific Gravity:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Water: 8.6 g/100ml @ 20 °C (68 °F)</td>
</tr>
<tr>
<td><strong>Partition Coefficient: N-octanol/water:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity :</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Explosion Data — Sensitivity to Mechanical Impact:</strong></td>
<td>Not expected to present an explosion hazard due to mechanical impact</td>
</tr>
<tr>
<td><strong>Explosion Data — Sensitivity to Static Discharge:</strong></td>
<td>Not expected to present an explosion hazard due to static discharge.</td>
</tr>
<tr>
<td><strong>Oxidizing properties:</strong></td>
<td>Incompatible with strong oxidizers</td>
</tr>
<tr>
<td><strong>Other information</strong></td>
<td>No additional information available</td>
</tr>
</tbody>
</table>
SECTION 10: STABILITY AND REACTIVITY

Sodium Bicarbonate

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Decomposes slowly on exposure to water (moisture).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Exposure to moisture or moist air. Temperatures above 150°F (65 °C).


Hazardous Decomposition Products: None known. At high temperature may liberate toxic gases.

Vinegar (>100 - 300 grain)

Stable under normal conditions of use.

Stable.

Hazardous polymerization will not occur.

Refer to Section 10 on Incompatible Materials.

Strong oxidizing agents. Strong bases.

Combustion may produce carbon monoxide and other harmful substances.

SECTION 11: TOXICOLOGICAL INFORMATION

Sodium Bicarbonate

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Acid</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral Rat</td>
<td>7.3 g/kg</td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>&gt; 4.7 mg/l/4h</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Not classified (pH: 8.2 (1% Solution))

Serious Eye Damage/Irritation: Not classified (pH: 8.2 (1% Solution))

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged inhalation of dust may cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.

Symptoms/Injuries After Eye Contact: Contact may cause irritation due to mechanical abrasion.

Symptoms/Injuries After Ingestion: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

Chronic Symptoms: None expected under normal conditions of use.

Vinegar (>100 - 300 grain)

Not classified.

Acetic Acid (64-19-7)

LD50 oral rat 3310 mg/kg
LD50 dermal rabbit 1130 mg/kg
ATE US (oral) 3310.000 mg/kg body weight.
ATE US (dermal) 1130.000 mg/kg body weight.

Causes severe skin burns and eye damage. pH: 2 at 30% acetic acid (calculated).

Causes serious eye damage. pH: 2 at 30% acetic acid (calculated).

Not classified

Not classified

Not classified

Not classified

Not classified

Not classified

Causes irritation to the nose, throat, and respiratory tract.

Contact with material may irritate or burn skin.

Extremely irritating to the eyes - If not removed promptly, will injure eye tissue, which may result in permanent damage, including blindness.

Can irritate or burn mouth, throat, and stomach if swallowed.
**SECTION 12: ECOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Sodium bicarbonate (144-55-8)</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
<th>Acetic Acid (64-19-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 Fish 1</td>
<td>7100 mg/l Bluegill</td>
<td>LC50 Fish 1</td>
<td>8250 - 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>4100 mg/l</td>
<td>EC50 Daphnia 1</td>
<td>2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>7700 mg/l Rainbow Trout</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**
- Not established

**Bioaccumulative Potential**
- Not established

**Mobility in Soil**
- Not available

**Other Adverse Effects**
- Other Information: Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Disposal Recommendations:</td>
<td>Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.</td>
</tr>
</tbody>
</table>

**SECTION 14: TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Accordance with DOT</td>
<td>Not regulated for transport</td>
</tr>
<tr>
<td>In Accordance with IMDG</td>
<td>Not regulated for transport</td>
</tr>
<tr>
<td>In Accordance with IATA</td>
<td>Not regulated for transport</td>
</tr>
<tr>
<td>In Accordance with TDG</td>
<td>Not regulated for transport</td>
</tr>
</tbody>
</table>

**SECTION 15: REGULATORY INFORMATION**

<table>
<thead>
<tr>
<th>Sodium Bicarbonate</th>
<th>Vinegar (&gt;100 - 300 grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Federal &amp; International Regulations</td>
<td></td>
</tr>
<tr>
<td>Sodium Bicarbonate (144-55-8)</td>
<td></td>
</tr>
<tr>
<td>Listed on the AICS (Australian Inventory of Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
<td></td>
</tr>
<tr>
<td>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)</td>
<td></td>
</tr>
<tr>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Listed on the Japanese ENCS (Existing &amp; New Chemical Substances) inventory</td>
<td></td>
</tr>
<tr>
<td>Listed on the Korean ECL (Existing Chemicals List)</td>
<td></td>
</tr>
<tr>
<td>Listed on NZIoC (New Zealand Inventory of Chemicals)</td>
<td></td>
</tr>
<tr>
<td>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)</td>
<td></td>
</tr>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>US State Regulations</td>
<td>Neither this product nor its chemical components appear on any US state lists.</td>
</tr>
<tr>
<td>Canadian Regulations</td>
<td></td>
</tr>
<tr>
<td>Sodium Bicarbonate (144-55-8)</td>
<td></td>
</tr>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
<td></td>
</tr>
<tr>
<td>WHMIS Classification</td>
<td>Uncontrolled product according to WHMIS classification criteria</td>
</tr>
</tbody>
</table>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.
SECTION 15: REGULATORY INFORMATION

Vinegar (>100 - 300 grain)

US Federal regulations

<table>
<thead>
<tr>
<th>Acetic Acid (64-19-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory. Not listed on the United States SARA Section 313.</td>
</tr>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA’s List of Lists) :</td>
</tr>
</tbody>
</table>

International regulations

<table>
<thead>
<tr>
<th>Canada</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinegar (&gt;100 - 300 grain), concentrated (8028-52-2)</td>
</tr>
<tr>
<td>WHMIS Classification</td>
</tr>
<tr>
<td>Acetic Acid (64-19-7)</td>
</tr>
<tr>
<td>WHMIS Classification</td>
</tr>
</tbody>
</table>

EU-Regulations
No additional information available.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

National regulations

US State regulations
California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

<table>
<thead>
<tr>
<th>Acetic Acid (64-19-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities.</td>
</tr>
<tr>
<td>U.S. - Massachusetts - Right To Know List.</td>
</tr>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List.</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List.</td>
</tr>
<tr>
<td>U.S. - Washington - Permissible Exposure Limits — TWAs.</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Sodium Bicarbonate

Revision Date: 03/12/2015
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document
Church & Dwight
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-524-1328

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.
SODIUM BICARBONATE & VINEGAR
SAFETY DATA SHEET

SODIUM BICARBONATE & VINEGAR
SAFETY DATA SHEET

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Vinegar (>100 - 300 grain

Revision Date:
06/01/2015

Data sources:

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal) Category 4.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3.</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3.</td>
</tr>
<tr>
<td>Skin Corr. 1A</td>
<td>Skin corrosion/irritation Category 1A.</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor.</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life.</td>
</tr>
</tbody>
</table>

NFPA health hazard:
3 – Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard:
0 - Materials that will not burn.

NFPA reactivity:
0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health:
3 Major injury likely unless prompt action is taken and medical treatment is given.

Flammability:
0 Minimal Hazard.

Physical:
0 Minimal Hazard.

SDS US (GHS HazCom 2012)

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