

**HAVILAND CONSUMER PRODUCTS, INC**  
**SAFETY DATA SHEET**



**Section 1: Identification**

Product Name: Spa Pure Sodium Bromide    Product Code: c003731

Haviland Consumer Products, Inc.  
421 Ann Street NW  
Grand Rapids, MI 49504  
(616) 361-6691

**Emergency Phone:**

CHEMTREC: Canada and USA - (800) 424-9300

CHEMTREC: In Mexico - 01-800-681-9531

Product Use: Swimming Water

Not recommended for: NA

**Section 2: Hazard(s) Identification**

**GHS Ratings:**

**GHS Hazards**

**GHS Precautions**

There are no GHS ratings that apply to this product at this time.

**Section 3: Composition/Information on Ingredients**

| Chemical Name / CAS No.    | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|----------------------------|----------------------|-----------------------|-----------------------|
| Trade Secret<br>90 to 100% |                      |                       |                       |

**Section 4: First-aid Measures**

**Inhalation**

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

**Eye Contact**

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

**Skin Contact**

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

**Ingestion**

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Section 5: Fire-fighting Measures**

**Extinguishing Media**

Use media suitable for the surrounding fires.

**Specific Hazards Arising from the Chemical**

**Special Protective Equipment and Precautions for Firefighters**

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

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| <b>Section 6: Accidental Release Measures</b> |
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**Spill and Leak Procedures**

Wear appropriate personal protective equipment. Sweep up, place in a bag and hold for waste disposal or possible re-use. Ventilate area and wash spill site after material pickup is complete.

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| <b>Section 7: Handling and Storage</b> |
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**Handling Procedures**

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

**STORAGE:** Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

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| <b>Section 8: Exposure Control/Personal Protection</b> |
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| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|-------------------------|----------------------|-----------------------|-----------------------|
| Trade Secret<br>N/A     |                      |                       |                       |

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**SKIN PROTECTION:** Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

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| <b>Section 9: Physical and Chemical Properties</b> |
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| <p style="text-align: center;"><b>Appearance:</b> White, crystalline solid</p> <p style="text-align: center;"><b>Vapor Pressure:</b> Unknown</p> <p style="text-align: center;"><b>Vapor Density:</b> Unknown</p> <p style="text-align: center;"><b>Density:</b> Unknown</p> <p style="text-align: center;"><b>Freezing point:</b> Unknown</p> <p style="text-align: center;"><b>Boiling range:</b> 1390°C</p> <p style="text-align: center;"><b>Evaporation rate:</b> Unknown</p> <p style="text-align: center;"><b>Explosive Limits:</b> Unknown</p> <p style="text-align: center;"><b>Autoignition temperature:</b> Unknown</p> <p style="text-align: center;"><b>Viscosity:</b> Unknown</p> | <p style="text-align: center;"><b>Odor:</b> Odorless</p> <p style="text-align: center;"><b>Odor threshold:</b> Unknown</p> <p style="text-align: center;"><b>pH:</b> Unknown</p> <p style="text-align: center;"><b>Melting point:</b> 755°C</p> <p style="text-align: center;"><b>Solubility:</b> Soluble</p> <p style="text-align: center;"><b>Flash point:</b> Unknown</p> <p style="text-align: center;"><b>Flammability:</b> Unknown</p> <p style="text-align: center;"><b>Specific Gravity</b> 3.203</p> <p style="text-align: center;"><b>Decomposition temperature:</b> Unknown</p> <p style="text-align: center;"><b>Grams VOC less water:</b> Unknown</p> |
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## Section 10: Stability and Reactivity

### Chemical Stability:

STABLE

### Incompatible Materials

Strong acids, strong oxidants, heavy metal salts. Reacts explosively with bromine trifluoride.

### Conditions to Avoid

Excessive heat.

### Hazardous Decomposition Products

Hydrogen bromide and sodium oxide

### Hazardous Polymerization

Hazardous polymerization will not occur.

## Section 11: Toxicology Information

### Mixture Toxicity

Oral Toxicity LD50: 3,400mg/kg

### Component Toxicity

### Routes of Entry:

Inhalation  
Ingestion  
Skin contact  
Eye contact

### Target Organs

### Effects of Overexposure

### Emergency Overview

May cause irritation but expected to be non-hazardous.

CAS Number

Description

% Weight

Carcinogen Rating

## Section 12: Ecological Information

### Component Ecotoxicity

Trade Secret

96 Hr LC50 *Oryzias latipes*: 24000 - 96000 mg/L [flow-through]; 96 Hr LC50 *Oryzias latipes*: 24000 mg/L [semi-static]; 96 Hr LC50 *Poecilia reticulata*: 16000 - 24000 mg/L [flow-through]; 96 Hr LC50 *Poecilia reticulata*: 16000 mg/L [semi-static]; 96 Hr LC50 *Pimephales promelas*: 15614 - 17428 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: >1000 mg/L [static]; 96 Hr LC50 *Oncorhynchus mykiss*: 0.054 - 0.081 mg/L [flow-through]; 96 Hr LC50 *Oncorhynchus mykiss*: >1000 mg/L [static]  
48 Hr EC50 *Daphnia magna*: 5800 - 48000 mg/L; 48 Hr EC50 *Daphnia magna*: 5700 - 10800 mg/L [Static]  
96 Hr EC50 *Scenedesmus pannonicus*: 5800 - 24000 mg/L

## Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

## Section 14: Transportation Information

Water treatment compound non-regulated.

**Section 15: Regulatory Information**

Country

Regulation

All Components Listed

**Section 16: Other Information**

Date Prepared: 3/06/2020

**Disclaimer**

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.