

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



**Section 1: Identification**

Product Name: Proteam Spa Brom Start Product Code: C003957

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: Pools and Spas

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 30 to 40%			

**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**

None known

**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.

**Section 6: Accidental Release Measures**

**Spill and Leak Procedures**

Use proper personal protective equipment. Soak up with absorbent material and place in properly labeled containers for disposal.

**Section 7: Handling and Storage**

**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.

**Section 8: Exposure Control/Personal Protection**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret 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.

**HYGIENIC 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.

**Section 9: Physical and Chemical Properties**

<b>Appearance:</b> Clear blue liquid	<b>Odor:</b> Little or no odor
<b>Vapor Pressure:</b> Unknown	<b>Odor threshold:</b> Unknown
<b>Vapor Density:</b> Unknown	<b>pH:</b> Unknown
<b>Density:</b> Unknown	<b>Melting point:</b> Unknown
<b>Freezing point:</b> Unknown	<b>Solubility:</b> Soluble
<b>Boiling range:</b> Unknown	<b>Flash point:</b> Unknown
<b>Evaporation rate:</b> Unknown	<b>Flammability:</b> Unknown
<b>Explosive Limits:</b> Unknown	<b>Specific Gravity:</b> 1.33
<b>Autoignition temperature:</b> Unknown	<b>Decomposition temperature:</b> Unknown
<b>Viscosity:</b> Unknown	<b>Grams VOC less water:</b> Unknown

**Section 10: Stability and Reactivity**

**Chemical Stability:**

STABLE

**Incompatible Materials**

Strong acids, strong oxidants, heavy metal salts.

**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**

**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.

**Health Effects**

Contact with eyes or skin may result in irritation. Ingestion may result in gastric disturbances.

Inhalation may irritate the respiratory tract.

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: 02/05/2020

**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.