

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



**Section 1: Identification**

Product Name: Spa Pure Filter Clean Pro  
Haviland Consumer Products, Inc.  
421 Ann Street NW  
Grand Rapids, MI 49504  
(616) 361-6691

Product Code: C007700

**Emergency Phone:**

CHEMTREC: Canada and USA - (800) 424-9300  
CHEMTREC: In Mexico - 01-800-681-9531

Product Use: Industrial  
Not recommended for: NA

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

**GHS Ratings:**

|  |                   |   |
|--|-------------------|---|
| Corrosive to metals                            | 1                 | Corrosive to metals   |
| Physical hazard not otherwise classified       | Dust Accumulation |   |
| Acute Toxicity - Inhalation                    | 4                 | Gases >2500+ <=20000ppm, Vapors >10+ <=20mg/l, Dusts & mists >1+ <=5mg/l  |
| Skin corrosion/irritation                      | 1A                | Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal   |
| Serious eye damage/eye irritation              | 1                 | Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5  |
| Respiratory sensitization                      | 1                 | Respiratory sensitizer  |
| Skin sensitization                             | 1                 | Skin sensitizer   |
| Specific target organ toxicity single exposure | 1                 | Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies, Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidan |

**GHS Hazards**

|      |   |
|------|---|
| H290 | May be corrosive to metals  |
| H314 | Causes severe skin burns and eye damage                                   |
| H317 | May cause an allergic skin reaction                                       |
| H318 | Causes serious eye damage   |
| H332 | Harmful if inhaled  |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H370 | Causes damage to organs   |

**GHS Precautions**

|      |   |
|------|---|
| P234 | Keep only in original container   |
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray                            |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray                           |
| P264 | Wash face, hands, and any exposed skin thoroughly after handling          |
| P270 | Do not eat, drink or smoke when using this product                        |
| P271 | Use only outdoors or in a well-ventilated area                            |
| P272 | Contaminated work clothing should not be allowed out of the workplace     |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P285 | In case of inadequate ventilation wear respiratory protection             |

|                |  |
|----------------|--|
| P310           | Immediately call a POISON CENTER or doctor/physician   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell  |
| P321           | Specific treatment (see first aid treatment on SDS)  |
| P363           | Wash contaminated clothing before reuse  |
| P390           | Absorb spillage to prevent material damage   |
| P301+P330+P331 | If swallowed: Rinse mouth. Do NOT induce vomiting.   |
| P302+P352      | If on skin: Wash with plenty of soap and water.  |
| P303+P361+P353 | If on skin (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.                   |
| P304+P340      | If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                 |
| P304+P341      | If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position 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. |
| P307+P311      | IF exposed: Call a POISON CENTER or doctor/physician   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice / attention.   |
| P342+P311      | If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.  |
| P405           | Store locked up  |
| P406           | Store in a corrosive resistant container with a resistant inner liner  |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulations                               |

**Danger**



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

| Chemical Name / CAS No.        | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--------------------------------|----------------------|-----------------------|-----------------------|
| Disodium carbonate<br>40 - 60% |                      |                       |                       |
| Trade Secret<br>23%            |                      |                       |                       |

|   |             |                 |                        |
|---|-------------|-----------------|------------------------|
| Citric acid<br>77-92-9<br>10 - 30%                            |             |                 |                        |
| Trade Secret<br>10%   |             |                 |                        |
| Sodium Hydroxide<br>1310-73-2<br>3%<br>Vapor Pressure: 0 mmHg | 2 mg/m3 TWA | 2 mg/m3 Ceiling | NIOSH: 2 mg/m3 Ceiling |
| Trade Secret<br>2%  |             |                 |                        |
| Trade Secret<br>2%  |             |                 |                        |

#### 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 fire.

Do not allow runoff from extinguishing methods to enter drains.

##### Specific Hazards Arising from the Chemical

Limited Oxidizing potential

##### 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

**Personal Precautions:** Minimize dust levels while collecting product (see "Inhalation" health effects). Prevent exposure to dust with NIOSH approved respirators with HEPA filters. Minimize prolonged skin contact by using gloves.

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Dry product may be landfilled if permitted by local regulations.

Discard empty container in trash. Wastewater containing product may be disposed of in accordance with all federal and state/provincial regulations, and local ordinances.

**Methods for Containment:** For dry product spills, collect material in an approved container while minimizing dust generation. Vacuum, as appropriate, remaining dust on floor.

**Methods for Cleanup:** Recycle or dispose of product, as necessary, in accordance with regulations. Wipe up small spills with a damp cloth. Dispose of according to local regulations.

**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 Requirements**

Store containers in a cool, dry, well ventilated place. Keep container closed when not in use.

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

| Chemical Name / CAS No.       | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits  |
|-------------------------------|----------------------|-----------------------|------------------------|
| Disodium carbonate            |                      |                       |                        |
| Trade Secret                  |                      |                       |                        |
| Citric acid<br>77-92-9        |                      |                       |                        |
| Trade Secret                  |                      |                       |                        |
| Sodium Hydroxide<br>1310-73-2 | 2 mg/m3 TWA          | 2 mg/m3 Ceiling       | NIOSH: 2 mg/m3 Ceiling |
| Trade Secret                  |                      |                       |                        |
| Trade Secret                  |                      |                       |                        |

**ENGINEERING CONTROLS:** Provide ventilation sufficient to maintain exposure below the recommended limits.

**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**

|  |   |
|--|---|
| <p><b>Appearance:</b> White Granular Powder</p> <p><b>Vapor Pressure:</b> Not Available</p> <p><b>Vapor Density:</b> Not Available</p> | <p><b>Odor:</b> Not Available</p> <p><b>Odor threshold:</b> Not Available</p> <p><b>pH:</b> Not Available</p> |
|--|---|

|   |   |
|---|---|
| <b>Density:</b> Not Available<br><b>Freezing point:</b> Not Available<br><b>Boiling range:</b> Not Available<br><b>Evaporation rate:</b> Not Available<br><b>Explosive Limits:</b> Not Available<br><b>Autoignition temperature:</b> Not Available<br><b>Viscosity:</b> Not Available | <b>Melting point:</b> Not Available<br><b>Solubility:</b> Not Available<br><b>Flash point:</b> Not Available<br><b>Flammability:</b> Not Available<br><b>Specific Gravity:</b> Not Available<br><b>Decomposition temperature:</b> Not Available<br><b>Grams VOC less water:</b> Not Available |
|---|---|

**Section 10: Stability and Reactivity**

**Chemical Stability:**

STABLE

**Incompatible Materials**

Halogenated Compounds, Cyanides, Metal Salt

**Conditions to Avoid**

Do not expose to temperatures above 50°C

**Hazardous Decomposition Products**

Sulphur oxides, Oxygen

**Hazardous Polymerization**

Hazardous polymerization will not occur

**Section 11: Toxicology Information**

**Mixture Toxicity**

Oral Toxicity LD50: 2,275mg/kg

Dermal Toxicity LD50: 4,076mg/kg

Inhalation Toxicity LC50: 5mg/L

**Component Toxicity**

Trade Secret

Trade Secret

Oral LD50: 1,204 mg/kg (Rat) Inhalation LC50: 14 mg/L (Rat)

1310-73-2

Sodium Hydroxide

Dermal LD50: 1,350 mg/kg (Rabbit)

**Routes of Entry:**

Inhalation

Ingestion

Skin contact

Eye contact

**Target Organs**

Eyes

Skin

Respiratory System

**Effects of Overexposure**

CAS Number

Description

% Weight

Carcinogen Rating

None

N/A

## Section 12: Ecological Information

### Component Ecotoxicity

|                    |  |
|--------------------|--|
| Disodium carbonate | 96 Hr LC50 Lepomis macrochirus: 300 mg/L ; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L<br>48 Hr EC50 Daphnia magna: 265 mg/L |
| Trade Secret       | 96 Hr LC50 Brachydanio rerio: >32 mg/L [semi-static]   |
| Citric acid        | 96 Hr LC50 Lepomis macrochirus: 1516 mg/L  |
| Trade Secret       | 96 Hr LC50 Brachydanio rerio: 210 mg/L [semi-static]; 96 Hr LC50 Brachydanio rerio: 210 mg/L                                     |
| Sodium Hydroxide   | 96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L  |

## Section 13: Disposal Considerations

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

## Section 14: Transportation Information

The following is for US DOT Highway Transportation. Other modes/jurisdictions may have different classifications.

**UN Code:** UN1759                      **DOT Name:** Corrosive solid, n.o.s.(monopersulfate, sodium metasilicate, sodium hydroxide)

**Hazard Class:** 8

**Packing Group:** II

## Section 15: Regulatory Information

### CERCLA/SARA Hazardous Substances

1310-73-2              Sodium Hydroxide

### OSHA Process Safety Management Highly Hazardous Chemicals

### U.S. Clean Air Act Toxic and Flammable Substances

### SARA 313

This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 (40 CFR 372):

*This information must be included in all SDSs that are copied and distributed for this material.*

### TSCA 8(b) Inventory

Trade Secret  
Trade Secret  
1310-73-2 Sodium Hydroxide  
Trade Secret  
77-92-9 Citric acid  
70693-62-8 Trade Secret  
Disodium carbonate

**Section 16: Other Information**

Date Prepared: 2/7/2024

**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.