

HAVILAND CONSUMER PRODUCTS, INC
SAFETY DATA SHEET



Section 1: Identification

Product Name: Caribbean Spa Filter Cleaner Product Code: C005028

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

Emergency Phone
CHEMTREC (800) 424-9300
CHEMTREC International (703) 527-3887

Product Use:
Not recommended for:

Section 2: Hazard(s) Identification

GHS Ratings:

| | | |
|-----------------------------|----|--|
| Corrosive to metals | 1 | Corrosive to metals |
| Skin corrosive | 1A | Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal |
| Eye corrosive | 1 | Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5 |
| Respiratory sensitizer | 1 | Respiratory sensitizer |
| Organ toxin single exposure | 3 | Transient target organ effects- Narcotic effects- Respiratory tract irritation |
| Aquatic toxicity | A1 | Acute toxicity <= 1.00 mg/l |

GHS Hazards

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|------|---|
| H290 | May be corrosive to metals |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H336 | May cause drowsiness or dizziness |
| H400 | Very toxic to aquatic life |

GHS Precautions

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|------|---|
| 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 |
| P271 | Use only outdoors or in a well-ventilated area |
| P273 | Avoid release to the environment |
| 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 |

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| P391 | Collect spillage |
| P301+P330+P331 | If swallowed: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | If on skin (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. |
| P304+P340 | If inhales: 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. |
| 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 |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| 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 |
|---|-------------------------|---|--|
| Phosphoric acid 7664-38-2 10 to 20% | 1 mg/m ³ TWA | 3 mg/m ³ STEL 1 mg/m ³ TWA | NIOSH: 1 mg/m ³ TWA 3 mg/m ³ STEL |
| Hydrogen chloride 7647-01-0 1 to 5% | | 2 ppm Ceiling | NIOSH: 5 ppm Ceiling; 7 mg/m ³ Ceiling |
| Trade Secret 1 to 5% | | | |

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.

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| Section 5: Fire-fighting Measures |
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Extinguishing Media**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.

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| Section 6: Accidental Release Measures |
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Spill and Leak Procedures

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| Section 7: Handling and Storage |
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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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| Section 8: Exposure Control/Personal Protection |
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| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--------------------------------|-------------------------|---|--|
| Phosphoric acid 7664-38-2 | 1 mg/m ³ TWA | 3 mg/m ³ STEL 1 mg/m ³ TWA | NIOSH: 1 mg/m ³ TWA 3 mg/m ³ STEL |
| Hydrogen chloride 7647-01-0 | | 2 ppm Ceiling | NIOSH: 5 ppm Ceiling; 7 mg/m ³ Ceiling |
| 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.

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.

Section 9: Physical and Chemical Properties

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| Appearance: Clear, blue liquid Vapor Pressure: Not Available Vapor Density: Not Available Density: Not Available Freezing point: Not Available Boiling range: Not Available Evaporation rate: Not Available Explosive Limits: Not Available Autoignition temperature: Not Available Viscosity: Not Available | Odor: Not Available Odor threshold: Not Available pH: Not Available Melting point: Not Available Solubility: Complete Flash point: Not Available Flammability: Not Available Specific Gravity: 1.13 Decomposition temperature: Not Available Grams VOC less water: Not Available |
|---|---|

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

Conditions to Avoid

Hazardous Decomposition Products

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 3,248mg/kg

Inhalation Toxicity LC50: 40mg/L

Component Toxicity

7664-38-2

Phosphoric acid

Oral LD50: 1,530 mg/kg (Rat) Dermal LD50: 2,740 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

Section 12: Ecological Information

Component Ecotoxicity

Section 13: Disposal Considerations

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

Section 14: Transportation Information

UN Code: 2967

DOT Name: Sulfamic Acid Mixture

Hazard Text: 8, Corrosive

Package Group: III

Section 15: Regulatory Information

Country

Regulation

All Components Listed

Section 16: Other Information

Date Prepared: 11/1/2017

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.