

HAVILAND CONSUMER PRODUCTS, INC
SAFETY DATA SHEET



Section 1: Identification

Product Name: Salt Support Salt Cell Cleaner Product Code: C004869

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: NA
 Not recommended for: NA

Section 2: Hazard(s) Identification

GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Aquatic toxicity	A3	Acute toxicity <= 10.0 but < 100 mg/l

GHS Hazards

H315	Causes skin irritation
H319	Causes serious eye irritation
H402	Harmful to aquatic life

GHS Precautions

P264	Wash face, hands, and any exposed skin thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see first aid treatment on SDS)
P362	Take off contaminated clothing and wash before reuse
P302+P352	If on skin: Wash with plenty of soap and water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice / attention
P337+P313	If eye irritation persists get medical advice / attention
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Warning



Section 3: Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret 90 to 100%			

Section 4: First-aid Measures

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.

Eye Contact

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Skin Contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion

Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Section 5: Fire-fighting Measures

Extinguishing Media

Use: Foam. Carbon dioxide or dry powder.

Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

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

Sweep or scoop up and remove.

Environmental Precautions: Avoid release to the environment.

Section 7: Handling and Storage

Handling Procedures

Wear suitable protective clothing. Use only in well-ventilated areas. Wear eye/face protection. Do not breathe dust/fume/mist. Avoid contact with skin and eyes.

STORAGE: Store in appropriate chemical storage area.

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.

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

<p>Appearance: Solid Opaque White Crystals</p> <p>Vapor Pressure: 0.78 Pa (20° C)</p> <p>Vapor Density: Not Available</p> <p>Density: Not Available</p> <p>Freezing point: Not Available</p> <p>Boiling range: Not Available</p> <p>Evaporation rate: Not Available</p> <p>Explosive Limits: Not Available</p> <p>Autoignition temperature: Not Available</p> <p>Viscosity: Not Available</p>	<p>Odor: Odorless</p> <p>Odor threshold: Not Available</p> <p>pH: 1.18 (10 g/l, 25° C)</p> <p>Melting point: 205° C</p> <p>Solubility: 181.4 g/l (20° C) in water.</p> <p>Flash point: This product is non-combustible.</p> <p>Flammability: Not Available</p> <p>Specific Gravity: 2.13</p> <p>Decomposition temperature: 209° C</p> <p>Grams VOC less water: Not Available</p>
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Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

Chlorine. Nitrates.

Conditions to Avoid

Heat, sparks, flames.

Hazardous Decomposition Products

No data available at this time.

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 1,450mg/kg

Component Toxicity

Routes of Entry:

- Inhalation
- Ingestion
- Skin contact
- Eye contact

Target Organs

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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Section 12: Ecological Information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: LC50 (Fathead minnow (Pimephales promelas), 96 h): 70.3 mg/l

Aquatic Invertebrates

Product: EC50 (Water flea (Daphnia magna), 24 h): 71.6 mg/l

Toxicity to Aquatic Plants

Product: EC50 (Alga, 72 h): 48 mg/l

Component Ecotoxicity

Trade Secret

96 Hr LC50 Pimephales promelas: 14.2 mg/L [static]

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

Hazard Class: 8

Package Group: III

Section 15: Regulatory Information

Country

Regulation

All Components Listed

Section 16: Other Information

Date Prepared: 9/18/2018

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.