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

Emergency Phone



Section 1: Identification

Product Name: Salt Support System Start Product Code: C004862

Haviland Consumer Products, Inc. 421 Ann Street NW Grand Rapids, MI 49504

(616) 361-6691

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

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
Reproductive toxin	1B	Presumed, Based on experimental animals
Organ toxin 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
Organ toxin repeated 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 (guidanc

GHS Hazards	
H315	Causes skin irritation
H319	Causes serious eye irritation
H360	May damage fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated

exposure

GHS Precautions				
P201	Obtain special instructions before use			
P202	Do not handle until all safety			
	precautions have been read and			
	understood			
P260	Do not breathe			
	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			
P280	Wear protective gloves/protective			
	clothing/eye protection/face protection			
P281	Use personal protective equipment as			
	required			
P314	Get Medical advice/attention if you feel			
	unwell			
P321	Specific treatment (see first aid			
	treatment on SDS)			
1				

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P3	62	Take off contaminated clothing and wash before reuse
P3	02+P352	IF ON SKIN: Wash with soap and water
P3	05+P351+P33	IF IN EYES: Rinse cautiously with
8		water for several minutes. Remove
		contact lenses if present and easy to
		do – continue rinsing
P3	07+P311	IF exposed: Call a POISON CENTER or
		doctor/physician
P3	08+P313	IF exposed or concerned: Get medical
		advice/attention
P3	32+P313	If skin irritation occurs: Get medical
		advice/attention
P3	37+P313	If eye irritation persists get medical
		advice/attention
P4	05	Store locked up
P5	01	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
Boric acid (H3BO3)		6 mg/m3 STEL (inhalable	
10043-35-3		fraction, listed under	
60 to 70%		Borate compounds,	
		inorganic)	
		2 mg/m3 TWA (inhalable	
		fraction, listed under	
		Borate compounds,	
		inorganic)	
Trade Secret		6 mg/m3 STEL (inhalable	NIOSH: 1 mg/m3 TWA
10 to 20%		fraction, listed under	
		Borate compounds,	
		inorganic)	
		2 mg/m3 TWA (inhalable	
		fraction, listed under	
		Borate compounds,	
		inorganic)	
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.

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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

LEL: UEL:

Extinguishing Media

None known

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.

Section 6: Accidental Release Measures

Spill and Leak Procedures

Vacuum, shovel or sweep up and place in containers for disposal. Avoid contamination of water bodies during cleanup and disposal.

Section 7: Handling and Storage

Handling Procedures

Use with adequate ventilation. Avoid breathing dusts. Wash thoroughly after handling.

STORAGE:

Dry, indoor storage is recommended.

Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Boric acid (H3BO3)		6 mg/m3 STEL (inhalable	
10043-35-3		fraction, listed under Borate	
		compounds, inorganic)	
		2 mg/m3 TWA (inhalable	
		fraction, listed under Borate	
		compounds, inorganic)	
Trade Secret		6 mg/m3 STEL (inhalable	NIOSH: 1 mg/m3 TWA
N/A		fraction, listed under Borate	
		compounds, inorganic)	
		2 mg/m3 TWA (inhalable	
		fraction, listed under Borate	
		compounds, inorganic)	
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.

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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

pH: 7.3 (1% solution)

Melting point: Unknown
Solubility: Soluble
Flash point: Unknown
Flammability: Unknown
Specific Gravity Unknown

Decomposition temperature: Unknown

Grams VOC less water: Unknown

Odor: Unknown
Odor threshold: Unknown

Density: Unknown

Freezing point: Unknown
Boiling range: Unknown
Evaporation rate: Unknown
Explosive Limits: Unknown

Autoignition temperature: Unknown

Viscosity: Unknown

Appearance: Blue & white speckled

granular

Vapor Pressure: Unknown
Vapor Density: Unknown

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatibile Materials

Strong oxidizing agents Reaction with strong reducing agents, such as metal hydrides or alkali metals, will generate hydrogen gas, which could create an explosive hazard.

Conditions to Avoid

Excessive heat.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide. Oxides of nitrogen, and cyanic acid.

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Oral Toxicity LD50: 2,889mg/kg

Component Toxicity

Routes of Entry:

Inhalation Ingestion Skin contact Eye contact

Target Organs

Eyes Skin Respiratory System

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Effects of Overexposure

Emergency Overview

Little or no hazard to humans and has low acute oral and dermal toxicity.

Health Effects

Occasional mild irritation effects to nose and throat may occur from inhalation of dust .

Slightly hazardous in case of eye or skin contact (irritant).

CAS Number Description % Weight Carcinogen Rating

Section 12: Ecological Information

Component Ecotoxicity

Boric acid (H3BO3) 48 Hr EC50 Daphnia magna: 115 - 153 mg/L

Section 13: Disposal Considerations

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

Section 14: Transportation Informations

Refer to Bill of Lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

<u>Country</u> <u>Regulation</u> <u>All Components Listed</u>

Section 16: Other Information

Date Prepared: 7/28/2015

Disclaimer

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

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

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.

Reviewer Revision

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