# HAVILAND CONSUMER PRODUCTS, INC SAFETY DATA SHEET



Section 1: Identification

Product Name: Clear Result pH Down Product Code: C002596

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: NA

Not recommended for: NA

## Section 2: Hazard(s) Identification

# **GHS Ratings:**

Skin corrosive 1C Destruction of dermal tissue: Exposure < 4 hours

Observation < 14 days, visible necrosis in at least one animal Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

Eye corrosive 1

# **GHS Hazards**

H314	Causes severe skin burns and		
	eye damage		
H318	Causes serious eye damage		

#### GHS Precautions

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P260	Do not breathe
	dust/fume/gas/mist/vapors/spray
P264	Wash face, hands, and any exposed
	skin thoroughly after handling
P280	Wear protective gloves/protective
	clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or
	doctor/physician
P321	Specific treatment (see first aid
	treatment on SDS)
P363	Wash contaminated clothing before
	reuse
P301+P330+P33	IF SWALLOWED: Rinse mouth. Do
1	NOT induce vomiting
P303+P361+P35	IF ON SKIN (or hair): Remove/Take off
3	immediately all contaminated clothing.
D004 D040	Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air
	and keep at rest in a position
D005 - D054 - D00	comfortable for breathing
P305+P351+P33	IF IN EYES: Rinse cautiosly with water
8	for several minutes. Remove contact
	lenses if present and easy to do –
P405	continue rinsing Store locked up
P501	·
1 501	Dispose of contents/container in accordance with
l	local/regional/national/international

regulations

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### Danger



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

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium bisulfate			
7681-38-1			
90 to 100%			

#### 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	υ.	Liie.	·ngnung	Measures

LEL: UEL:

#### **Extinguishing Media**

Use media suitable for the surrounding fires. Avoid water contact with material if possible.

# 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

Wear appropriate protective equipment and clothing during clean up. Vacuuming or wet sweeping may be used to avoid dust dispersal. Place material into appropriate container for disposal or recovery. Flush spill area with water.

# Section 7: Handling and Storage

**HANDLING:** Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Ground and bond containers when transferring material. Always open containers slowly to allow any excess pressure to vent. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

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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
Sodium bisulfate			
7681-38-1			

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

**Appearance:** Off-white granular

material

Vapor Pressure: Unknown

Vapor Density: Unknown

**Density:** Unknown

Freezing point: Unknown

Boiling range: Unknown

**Evaporation rate:** Unknown

**Explosive Limits:** Unknown

Autoignition temperature: Unknown

Viscosity: Unknown

**Odor:** Fresh to pungent odor

Odor threshold: Unknown

**pH**: < 1 (5% solution)

Melting point: 350°F (177°C)

**Solubility:** 1080 g/l @ 68°F (20°C)

Flash point: Unknown

Flammability: Unknown

Specific Gravity Unknown

**Decomposition temperature:** Unknown

Grams VOC less water: Unknown

## Section 10: Stability and Reactivity

#### **Chemical Stability:**

STABLE

#### **Incompatibile Materials**

Alkali. Dissolves readily in water to form a weak acid solution. Do not mix with liquid chlorine

bleach, ammonia cleansers or similar products.

# **Conditions to Avoid**

Avoid conditions of moisture

**Hazardous Decomposition Products** 

Oxides of sulfur.

**Hazardous Polymerization** 

Hazardous polymerization will not occur.

Section 11: Toxicology Information

# **Mixture Toxicity**

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Oral Toxicity LD50: 2,490mg/kg

# **Component Toxicity**

#### Routes of Entry:

Inhalation Ingestion Skin contact Eye contact

#### **Effects of Overexposure**

#### **Emergency Overview**

Harmful if swallowed. May cause skin and eye irritation.

#### **Acute Health Effects**

Contact with eyes or skin may result in irritation. Ingestion may result in gastric disturbances. Inhalation may irritate the respiratory tract.

<u>CAS Number</u> <u>Description</u> <u>% Weight</u> <u>Carcinogen Rating</u>

Section 12: Ecological Information

#### **Component Ecotoxicity**

Sodium bisulfate 48 Hr EC50 Daphnia magna: 190 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

# TSCA 8(b) Inventory

7681-38-1 Sodium bisulfate

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

Section 16: Other Information

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#### 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

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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.

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