

MSDS Document

Product pH REDUCER

1. Chemical Product and Company Identification

Trade Name of this Product pH REDUCER

MSDS ID MSDS2471

Manufacturer

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

Phone Number

(616) 361-6691

Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 00/00/00

Health:	1
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sodium bisulfate	7681-38-1		Not Established	Not Established	
Sodium sulfate	7757-82-6		Not Established	Not Established	

3. Hazard Identification

Emergency Overview

Harmful if swallowed. May cause skin and eye irritation.

Health Effects

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

Carcinogenicity

None of the components present in this material are listed by IARC or NTP as a carcinogen.

Reproductive Effects

None known

Routes of Entry

Inhalation, Ingestion, Skin or Eye Contact

4. First Aid Information

Eye Contact

Flush with large amount of water for at least 15 minutes. Get medical attention if problems persist.

Skin Contact

Flush with water for at least 15 minutes while removing contaminated clothing. If irritation persists, get medical attention.

Inhalation

Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

Ingestion

Call a physician immediately. Do not induce vomiting. Dilute by drinking water or milk. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point N/A

Extinguishing Media

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

Special Fire Fighting Procedures

Product readily dissolves in water to form a weak acid solution. If using water, wear acid protective equipment and self-contained breathing apparatus.

Unusual Fire Hazard

None known.

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.

7. Handling and Storage

Handling Procedures

Use with adequate ventilation. Avoid breathing dusts. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage Procedures

Keep container closed. Store in a dry place. Protect from atmospheric moisture.

8. Exposure Controls and Personal Protection

Engineering Controls

Use in well ventilated areas.

Eye Protection

Safety glasses or goggles required.

Protective Gloves

Wear chemical resistant gloves, such as rubber, neoprene, or nitrile.

Respiratory Protection

If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.

Other Protective Equipment

Flowing water source should be available. Prevent contact with skin & clothing by using protective garments.

9. Physical and Chemical Properties

Physical State	Solid
Color/Appearance	Off-white granular material
Odor	Fresh to pungent odor
pH	< 1 (5% solution)
Boiling/Cond. Point	Not Available
Melting/Freezing Point	350°F (177°C)
Solubility	1080 g/l @ 68°F (20°C)
Vapor Density	Not Available
Vapor Pressure	Not Available

10. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

Avoid conditions of moisture.

Incompatible Materials

Alkali. Dissolves readily in water to form a weak acid solution. Do not mix with liquid chlorine bleach, ammonia cleansers or similar products.

Hazardous Decomposition Products

Oxides of sulfur.

Hazardous Polymerization

Will not occur.

11. Toxicological Information

Oral - LD50 (rat) 2800 mg/kg

12. Ecological Information

ECOTOXICITY: This product readily dissolves in water to form a weak acid solution. A 0.05 percent or greater (by weight) solution of this product will likely be acutely harmful to aquatic life.

13. Disposal Considerations

Waste Disposal

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

14. Transportation Information

DOT Shipping Name

Not Regulated

15. Regulatory Information

TSCA

All ingredients of this material are listed on the TSCA inventory.

16. Other Information

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

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