

# MSDS Document

## Product SPA HARDNESS INCREASER

### 1. Chemical Product and Company Identification

**Trade Name of this Product** SPA HARDNESS INCREASER

**MSDS ID** MSDS2358

**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

<b>Health:</b>	<b>1</b>
<b>Fire:</b>	<b>0</b>
<b>Reactivity:</b>	<b>0</b>
<b>Specific</b>	

### 2. Composition and Information on Ingredients

<b>Ingredient</b>	<b>CAS Number</b>	<b>Weight %</b>	<b>ACGIH TLV</b>	<b>PEL</b>	<b>STEL</b>
Calcium chloride (CaCl <sub>2</sub> )	10043-52-4		Not Established	Not Established	

### 3. Hazard Identification

**Emergency Overview**

Harmful if swallowed. May cause skin and eye irritation.

**Health Effects**

This product may cause irritation to the eyes and skin. Contact with wet skin may result in a rash. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea. This product may cause slight irritation to the respiratory system if inhaled.

**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 immediately with plenty of water for at least 15 minutes, get medical attention.

**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.

**Special Fire Fighting Procedures**

Fire fighters must use full bunker gear including NIOSH-approved positive pressure 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. Sweep spill and transfer material into appropriate container(s) for disposal.

**7. Handling and Storage**

**Handling Procedures**

Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Heat developed during diluting or dissolving is very high. Use cool water when diluting or dissolving (temperature less than 80°F, 27°C)

**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	White flakes
Odor	Odorless
pH	Not Applicable
Boiling/Cond. Point	Not Applicable
Melting/Freezing Point	174°C (345°F)
Solubility	Readily soluble
Vapor Density	Not Applicable
Vapor Pressure	1.0 mmHg @ 25°C

## 10. Stability and Reactivity

### Chemical Stability

Stable

### Conditions to Avoid

Avoid conditions of moisture.

### Incompatible Materials

Heat is generated when mixed with water. Spattering and boiling can occur. Avoid contact with sulfuric acid. Corrosive when wet. Flammable hydrogen may be generated from contact with metals such as zinc. Sodium.

### Hazardous Decomposition Products

Does not decompose.

### Hazardous Polymerization

Will not occur.

## 11. Toxicological Information

Oral, LD50, Rat 900 - 2,100 mg/kg

## 12. Ecological Information

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 > 100 mg/L in the most sensitive species tested).

## 13. Disposal Considerations

### Waste Disposal

Dispose of spilled or waste material, contaminated soil and other contaminated material in licensed landfill or treatment facility in accordance with all federal, state, and local regulations.

## 14. Transportation Information

### DOT Shipping Name

Not Regulated

## 15. Regulatory Information

### TSCA

Hazardous Component(s) subject to reporting on the TSCA List.

## 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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