

# MSDS Document

## Product CELL CLEANER

### 1. Chemical Product and Company Identification

#### Product CELL CLEANER

MSDS ID MSDS3589

#### 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:	3
Fire:	0
Reactivity:	0
Stock	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sulfamic acid	5329-14-6		Not Established	Not Established	

### 3. Hazard Identification

#### Emergency Overview

Corrosive. Causes burns.

#### Health Effects

Causes burns to eyes and skin, may be harmful if absorbed. Material is extremely destructive to the tissue of the mucous membrane and upper respiratory tract. May be harmful if inhaled or swallowed.

#### 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**

Wash with soap and water. Remove contaminated clothing. See a physician if irritation occurs.

### **Inhalation**

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

### **Ingestion**

Provide large quantities of water if victim is conscious and get immediate medical attention. Never give anything by mouth to an unconscious person.

## **5. Fire Fighting Measures**

**Flash Point** N/A

### **Extinguishing Media**

Use dry chemical, foam, or carbon dioxide.

### **Special Fire Fighting Procedures**

Evacuate area and fight fire from a safe distance. Water spray may be used to keep fire-exposed containers cool. Keep water run off out of sewers and public waterways.

### **Unusual Fire Hazard**

Emits toxic fumes under fire conditions.

## **6. Accidental Release Measures**

### **Spill and Leak Procedures**

Put on appropriate personal protective equipment. Evacuate surrounding areas if necessary. Vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Ventilate area and wash spill site after cleanup is complete.

## **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**

Store in a dry, cool, and well ventilated area. Keep away from incompatibles. Keep container

tightly closed and dry.

## 8. Exposure Controls and Personal Protection

### Engineering Controls

Provide ventilation sufficient to maintain exposure below the recommended limits.

### Eye Protection

Chemical safety goggles

### 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

Wear appropriate clothing to prevent skin exposure. A safety shower and eye bath should be available.

## 9. Physical and Chemical Properties

Physical State	Solid
Specific Gravity	2.151
Color/Appearance	White fine crystals
Odor	N/A
pH	N/A
Boiling/Cond. Point	N/A
Melting/Freezing Point	200°C
Solubility	N/A
Vapor Density	N/A
Vapor Pressure	N/A

## 10. Stability and Reactivity

### Chemical Stability

Stable

### Conditions to Avoid

None known

### Incompatible Materials

Strong oxidizing agents and strong bases.

### Hazardous Decomposition Products

Oxides of sulfur.

### Hazardous Polymerization

Will not occur.

## 11. Toxicological Information

Oral Rat LD50: 3150 mg/kg

## 12. Ecological Information

No information available.

## 13. Disposal Considerations

### Waste Disposal

Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material in accordance with all applicable federal, state, and local regulations. Note that these regulations may also apply to empty containers and liners. Processing, use, dilution or contamination of this product may cause its physical and chemical properties to change.

## 14. Transportation Information

### DOT Shipping Name

Corrosive solid, acidic, inorganic, n.o.s. (Sulfamic acid)

### UN Number

UN3260

### Hazard Class

8, Corrosive

### Packing Group

PG III

NOTE: Corrosive materials in Packing Group III in inner packagings not over 5.0 L (1.3 gallon) for liquids or 5.0 kg (11 pounds) for solids, packed in strong outer packagings, may be transported as a limited quantity package. A limited quantity package is not subject to the hazardous shipping paper or labeling requirements. Total package may not exceed 30 kg (66 pounds) gross weight.

## 15. Regulatory Information

### TSCA

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

### WHMIS

Hazardous Component(s) subject to WHMIS Ingredient Disclosure.

## 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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