

# Patterson Companies, Inc.

Patterson Ultrasonic Tartar & Stain Solution

Manufacturer MSDS Number: G004



## SECTION 1 : Chemical Product and Company Identification

**MSDS Name:** Patterson Ultrasonic Tartar & Stain Solution

**Manufacturer Name:** Patterson Companies, Inc.

**Department:** General Office and Wholesale Division

**Address:**

1031 Mendota Heights Road  
St. Paul, MN 55120

**Business Phone:** 651-686-1600

**Business Fax:** 651-686-9331

For information in North America, call: 651-686-1600

For emergencies in the US, call CHEMTREC: 800-424-9300

**Manufacturer MSDS Revision Date:**

4-13-10

Supersedes: 2-4-04

Supersedes: 6-5-03

Supersedes: 6-8-00

Supersedes: 2-21-97

Supersedes: 4-29-94

**Synonyms:**

Sulfamic Acid Solution

**Product Codes:**

090-9713



TOP

## SECTION 2 : Hazardous Ingredients/Identity Information

| Chemical Name | CAS#      | % Weight |  |
|---------------|-----------|----------|--|
| Sulfamic Acid | 5329-14-6 | 15%      |  |

**Hazardous Paragraph:**

Corrosive



TOP

## SECTION 3 : Physical And Chemical Characteristics

**Physical State/Appearance:**

Clear liquid

**Odor:**

Sweet

**pH:**

0.5 - 0.9

**Vapor Pressure:**

mm Hg: Not Determined

**Vapor Density:**

(Air = 1): Not Determined

**Boiling Point:**

214 deg F

**Solubility:**

In H2O: Very soluble

**Specific Gravity:**

(H2O = 1): 1.09 g/ml

**Evaporation Point:**

(Ether = 1): Not Determined

**Percent Volatile:**

By volume: 86%

**FlashPoint:**

210 deg F



**SECTION 4 : Fire And Explosion Hazards**

**Fire:**

Flammable Limits: Not determined

**Flash Point:**

210 deg F

**Flash Point Method:**

TCC

**Extinguishing Media:**

CO2, Dry Chemical

**Fire Fighting Instructions:**

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritation fumes.

**Unusual Fire Hazards:**

None



TOP

## SECTION 5 : Health Hazards

### Sulfamic Acid:

#### Route of Exposure:

Eye and skin contact; accidental ingestion

#### Potential Health Effects:

##### Skin Contact:

Acute: Skin irritation or burns

##### Chronic Health Effects:

Not known

##### Carcinogenicity:

Chemical Listed as Carcinogen or Potential Carcinogen: Not listed with NTP, IARC or OSHA as a suspect carcinogen.

##### Other Potential Health Effects:

Not known

##### Aggravation of Pre-Existing Conditions:

None known

OSHA Permissible Exposure Limit: None

ACGIH Threshold Exposure Limit: None

Other Exposure Limit Used: None

### Sulfamic Acid:

#### Skin Effects:

Rabbit dermal 500 mg/24 hr.

#### Ingestion Effects:

Oral LD50 for Sulfamic Acid is 3160 mg/kg

#### Irritation:

Produced severe irritation.

#### Notes:

0



TOP

## SECTION 6 : Emergency And First Aid Procedures

#### Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention if irritation continues.

#### Skin Contact:

Immediately flush skin with plenty of water and soap.

**Ingestion:**

If swallowed seek medical advice immediately.



TOP

**SECTION 7 : Reactivity Data**

**Chemical Stability:**

Stable

**Conditions to Avoid:**

None

**Incompatibilities with Other Materials:**

Materials to Avoid: Contact with strong alkaline materials.

**Hazardous Polymerization:**

Will Not Occur

Conditions to Avoid: None

**Hazardous Decomposition Products:**

None



TOP

**SECTION 8 : Precautions For Safe Handling**

**Spill Cleanup Measures:**

Spill Management: Treat as acid spill. Use absorbent to collect material.

**Storage:**

Keep away from heat.

**Hygiene Practices:**

Do not place in unlabeled container

**Waste Disposal:**

This material is corrosive. Dispose of in accordance with Local, State and Federal regulations.



TOP

**SECTION 9 : Control Measures**

**Ventilation System:**

None

**Hand Protection Description:**

Gloves: Latex gloves; non-impervious

**Eye/Face Protection:**

Safety glasses

**Protective Clothing/Body Protection:**

None

**Respiratory Protection:**

None

**Other Protective:**

None

**Exposure Limits:**

OSHA Permissible Exposure Limit: None

ACGIH Threshold Exposure Limit: None

Other Exposure Limit Used: None



**SECTION 10 : Other Information**

**MSDS Revision Date:**

4-13-10

Supersedes: 2-4-04

Supersedes: 6-5-03

Supersedes: 6-8-00

Supersedes: 2-21-97

Supersedes: 4-29-94

**Disclaimer:**

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Patterson Dental Company, it is the users obligation to determine the conditions of safe use of the product.

**Abbreviation:**

ND = Not Determined

Form MD.500 (5/92)