

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



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SECTION 2 : Hazardous Ingredients / Identity Information

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

Hazardous Paragraph:

Corrosive



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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



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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:

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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.



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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



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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.



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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



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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)

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