

Tile & Stone Cleaner

Deep Cleaning Action For Most Surfaces Including

- | | | |
|----------------|--------------------|----------------|
| ■ Sanded Grout | ■ Non-sanded Grout | ■ Quarry Tile |
| ■ Clay Pavers | ■ Limestone | ■ Ceramic Tile |
| ■ Glazed Tile | ■ Granite | ■ Marble |
| ■ Terrazzo | ■ Brick | ■ Slate |
| ■ Travertine | ■ Concrete | ■ Masonry |

Uses

- | | | |
|-----------------------|------------|-------------|
| ■ Interior & Exterior | ■ Counters | ■ Floors |
| ■ Walls | ■ Showers | ■ All Grout |

Special Features

- Easy to Use
- Cost Effective

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. **Tile & Stone Cleaner** is a non acidic cleaner & degreaser developed specifically for tile, grout, natural & cast stone and masonry surfaces. **Tile & Stone Cleaner** will handle difficult stains, yet is gentle enough for everyday use. **Tile & Stone Cleaner** is very effective as an ongoing maintenance cleaner for surfaces previously sealed with the appropriate **Miracle Penetrating Sealer/Impregnator**. **Tile & Stone Cleaner** will not harm the polish on polished stone surfaces.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

Tile & Stone Cleaner is concentrated and requires dilution. To remove difficult stains such as oil and grease, mix one part **Tile & Stone Cleaner** with 3 parts hot water (cold water can be used but cleaning action will be reduced). Apply **Tile & Stone Cleaner** with a clean mop or self-feeding floor machine. Allow the solution to stand for 10 minutes while agitating periodically with the appropriate scrub brush. DO NOT allow solution to dry on the surface. Extract all the dirty remains with a wet vacuum system. Rinse the surface thoroughly with hot water and allow to dry. Difficult stains may require a second application. If area is still dirty after the second cleaning use **Liquid Poulitice, Phosphoric Acid Cleaner, Porcelain & Ceramic Tile Cleaner, or HDAC (Heavy Duty Acidic Cleaner)** or as directed.

For general cleaning, mix one cup **Tile & Stone Cleaner** with 3 gallons hot water following the same instructions as before.

Heavy Duty Cleaning: Use **Phosphoric Acid Cleaner, HDAC, and Porcelain & Ceramic Tile Cleaner** as directed.

Surface Coating/Wax Removal

To remove existing coatings and/or waxes, use **Mira Strip or Finish Sealer Stripper** as directed.

Water, Stain & Slip Protection

To protect cleaned area from future soiling and staining and increase static coefficient of friction, we recommend applying the appropriate **Miracle Penetrating Sealer/Impregnator**.

Color and Gloss Enhancement

To enhance color and gloss use **511 Seal & Enhance, Mira Matte, High-Gloss Finish Sealer or Stone Polish** as directed.

Polish Enhancement

Use **Marble Conditioner, Water, Ring & Etch Remover, Mira Dust, Granite Brite and Tile Brite** as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, **Tile & Stone Cleaner** will clean up to 10,000 square feet per gallon (927 square meters per 3.785 liters).

MAINTENANCE

For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide**. Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

Storage

Store **Tile & Stone Cleaner** in the original container properly sealed and unmixed. Stored at 77° F (25° C), **Tile & Stone Cleaner** will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Caution

Use only in well ventilated area. Open windows and use fans to circulate air. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. **Refer to the MSDS for additional information.**



Safety Data Sheet

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Version 1

1. IDENTIFICATION

Product Name Tile & Stone Cleaner
MSDS # MSC-009-CA
Recommended Use Deep Cleaning Action For Most Surfaces Including: Sanded Grout, Non-sanded Grout, Quarry Tile, Clay Pavers, Limestone, Ceramic Tile, Glazed Tile, Granite, Marble, Terrazzo, Brick, Slate, Travertine, Concrete, Masonry.

Supplier Address

Miracle Sealants Company
12318 Lower Azusa Road
Arcadia, CA 91006

Company Phone Number 1-626-443-6433 (Phone)

1-626-443-1435 (Fax)

24 Hour Emergency Phone Number 1-800-350-1901

Emergency Telephone (24 hr)

For product spills, leaks or exposures call:
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

2. Hazards Identification

EMERGENCY OVERVIEW:

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Brown liquid

Physical State Liquid.

Odor Floral

Potential Health Effects

Acute Toxicity

Eyes

Direct contact with eyes may cause temporary irritation.

Skin

Substance may cause slight skin irritation.

Inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion

Will cause nausea.

Chronic effects

No known effect based on information supplied.

Symptoms

Eyes: Burning sensation

Skin: Slight irritation

Ingestion: Nausea

Inhalation: Not expected to be a problem.

Aggravated Medical Conditions

None known.

Environmental Hazard

See Section 12: ECOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST-AID MEASURES

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with clean, free-flowing water for 15 minutes. Consult a physician if irritation persists.
Skin Contact	Wash thoroughly with soap and water.
Inhalation	Remove to fresh air;
Ingestion	Do not induce vomiting. Call physician or Poison Control Center immediately.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties	Not flammable.
Flash Point	Not available
Suitable Extinguishing Media	CO2, dry foam.
Hazardous Combustion Products	Carbon oxides.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Specific Hazards Arising from the Chemical	Product is not flammable or combustible.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation, especially in confined areas.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Steps to be taken in case material is released or spilled: soak up with inert absorbent material. Scoop up and place in a proper waste disposal container. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Keep out of the reach of children.

Storage Conditions Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32°F or heat above 110°F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines The following information is given as general guidance

Engineering Controls Local exhaust: If available
Mechanical exhaust: If available.

Personal protective equipment (PPE)

Skin and Body Protection Protective gloves: Plastic or rubber, chemical resistant
Protective clothing or equipment: Chemical resistant clothing.

Eye/Face Protection Tight fitting, splash proof safety goggles.

Respiratory Protection Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

General Hygiene Considerations Work hygienic practices: Wash hands thoroughly before handling foodstuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Floral
Appearance	Brown liquid	Odor Threshold	Not determined
Color	Brown		
Property	Values	Remarks	
pH	7.0-8.0	Method	
Melting Point/Freezing Point	Not tested		
Boiling Point/Boiling Range	> 212 °F / >100 °C		
Flash Point	Not available		
Evaporation Rate	Not tested		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not tested		
Lower Flammability Limit	Not tested		
Vapor Pressure	Not tested		
Vapor Density	Not tested		
Specific Gravity	1.020	(1=Water)	
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		

Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	4% by weight before dilution

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Materials	Strong oxidizers.
Conditions to Avoid	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Eye Contact	Direct contact with eyes may cause temporary irritation.
Skin Contact	Substance may cause slight skin irritation.
Ingestion	Will cause nausea.

Chronic toxicity

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Target organ effects	None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Do not reuse container.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>TDG</u>	Not regulated

15. REGULATORY INFORMATION**International Inventories**

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances **IECSC**
- China Inventory of Existing Chemical Substances **KECL** -
Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations**International Regulations**

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 0	Stability 0	Special Hazards None
<u>HMIS</u>	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection -

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Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet