

Material Safety Data Sheet

Ceramiclean®

Date of Preparation: November, 1997

Revision: October, 2005

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Ceramiclean®

Chemical Formula: Mixture

CAS Number: Mixture – See Below

Other Designations: None

General Use: Intensive Cleaner for Ceramic Tile & Grout

Manufacturer: Stone Care International Inc. P.O. Box #703, Owings Mills, Maryland 21117-0703

Phone: 410-783-0045

24-Hour Phone Number for Medical & Spill Emergencies: 1-800-535-5053

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt.
Water	7732-18-5	84 - 96 %
Surfactants (Nonidet P-40)	9036-19-5	< 5 %
Chelating Agents (Tetrasodium Sodium EDTA)	64-02-8	< 5 %
Sodium Xylene Sulfonate	1300-72-7	< 5 %
Vanilla Fragrance (ingredients listed as trade secret by supplier)	Mixture	<1 %

This product contains other trace ingredients in concentrations of less than 1%. None of the trace ingredients or listed ingredients are recognized by IARC, NTP as human carcinogens.

Ingredient	CAS #	OSHA		ACGIH		NIOSH		IDLH
		PEL	STEL	TLV	STEL	REL	STEL	
Nonidet P-40	9036-19-5	NE	NE	NE	NE	NE	NE	NE
Sodium Xylene Sulfonate	1300-72-7	NE	NE	NE	NE	NE	NE	NE
Chelating Agents (Tetrasodium Sodium EDTA)	64-02-8	NE	NE	NE	NE	NE	NE	NE
Vanilla Fragrance	NA	ND	ND	ND	ND	ND	ND	ND

Section 3 - Hazards Identification

Potential Health Effects:

This is a primarily water-based product with surfactants. Health effects are not expected when used in accordance with labeled use.

Primary Entry Routes: Inhalation, Skin Contact, Eye Exposure, Ingestion

Target Organs: Respiratory System, G.I. Tract (if swallowed), Skin (extended exposure)

HMIS	
H	1
F	0
R	0
PPE†	B
†Sec. 8	

Acute Effects

Inhalation: Exposure to the vapors or mist may cause minor irritation to the respiratory tract, including nasal discomfort, discharge and coughing. Aspiration may cause lung damage.

Eye: Direct contact may cause irritation, redness and pain.

Skin: Irritation and redness may occur with extended, prolonged, direct contact.

Ingestion: Ingestion of large quantities may cause abdominal discomfort vomiting, nausea and diarrhea. Irritation of mucus membranes may occur with ingestion.

Chronic Effects

Carcinogenicity: IARC, NTP, and OSHA do not list any of the components of this product as human carcinogens. No significant human impacts statements have been located for the primary ingredients.

Medical Conditions Aggravated by Long-Term Exposure: Individuals with skin conditions (dermatoses) may be affected by extended direct skin exposure.

Section 4 - First Aid Measures

Inhalation: Remove affected individual from contaminated area to fresh-air. If respiratory symptoms such as difficulty in breathing continue after removal from the area or if aspiration of product is suspected seek medical attention.

Eye Contact: Immediately flush eyes with large quantities of water for at least 15 minutes. Holding the eyelids apart, thoroughly irrigate the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician. Obtain medical attention if irritation exists.

Skin Contact: Flush exposed areas with water.

Ingestion: Do not induce vomiting or administer emetics. Give 2-3 glasses of water. Contact a poison control center for additional direction. Do not give anything by mouth to an unconscious person.

Section 5 - Fire-Fighting Measures

Flash Point: Non-flammable

Flash Point Method: NA

Burning Rate: NA

Auto-ignition Temperature: NA

LEL : NA

UEL : NA

Flammability Classification: NA

Extinguishing Media: NA

Unusual Fire or Explosion Hazards: This product is not considered combustible.

Fire-Fighting Instructions: No Special Instructions. This product will not burn under normal conditions.

Fire-Fighting Equipment: Wear full protective clothing and positive-pressure, self-contained breathing apparatus if this product is involved in a fire.



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Small spills can be cleaned up with absorbent towels and placed in the trash as permitted by regulatory authorities. Large spills can be absorbed by inert materials and placed into a container for proper disposal. Prevent direct entry into waterways, including storm or sanitary sewer.

Section 7 - Handling and Storage

Handling Precautions: Do not eat, drink or smoke while using this product. Avoid direct contact with food products and remove exposed food items prior to use, to prevent over-spray. Avoid contact with eyes, skin and clothing. Wash hands after use with soap and water. Keep all chemicals out of the reach of children and animals. Wetted areas will be slippery, use slip-resistant footwear.

Storage Requirements: Store in a cool, dry area in an upright position. Secure all household chemicals from child and pet access. Avoid exposing to temperatures below 50F or excessive heat.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Not typically required.

Gloves: For maximum protection, use a PVC glove. Protect open cuts from contact.

Protective Clothing: Not normally required. A PVC covering can be used to protect clothing, if desired.

Remove contaminated clothing to prevent any possibility of irritation. Wetted areas will be slippery, use slip-resistant footwear.

Respiratory Protection: Not typically required. Maintain adequate ventilation with any chemical use. Use NIOSH approved vapor-mist respirator if used in areas when misting or high concentrations are expected. Major components of this product do not have established exposure limits under OSHA, NIOSH or ACGIH.

Eye Protection: Safety glasses or goggles are recommended to prevent eye exposure, especially when mixing product.

Section 9 - Physical and Chemical Properties

<p>Physical State: Liquid</p> <p>Appearance and Odor: Clear liquid with a light vanilla fragrance</p> <p>Odor Threshold: ND</p> <p>Vapor Pressure: ND</p> <p>Vapor Density (Air=1): ND</p> <p>Formula Weight: ND</p> <p>Density: ND</p> <p>Specific Gravity (H₂O=1, at 4 °C): ND</p> <p>pH: ND</p>	<p>Water Solubility: Soluble in Water</p> <p>Other Solubilities: NA</p> <p>Boiling Point: NE ; > 212 °F</p> <p>Freezing/Melting Point: Approximately 32 °F / NA</p> <p>Viscosity: ND</p> <p>Refractive Index: ND</p> <p>Surface Tension: ND</p> <p>% Volatile: NE</p> <p>Evaporation Rate: NE</p>
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Section 10 - Stability and Reactivity

Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: This product is not likely to be reactive, but component ingredients may react to aluminum, strong acids, bases or oxidizers. Avoid materials reactive with hydroxyl compounds.

Conditions to Avoid: Avoid mixing with other products.

Hazardous Decomposition Products: Under high heat, NO_xs, Sodium Oxides, Carbon Oxides, NH₃ may be produced in limited quantities.

Section 11 - Toxicological Information

Toxicity Data:

Prolonged and repeated exposure to excessive concentrations of this product may cause irritation. Concentrated exposure to the mist may cause irritation of the respiratory system.

There is limited toxicological information showing significant health relevance to human disease or illness, beyond acute health effects.

Section 12 - Ecological Information

Ecotoxicity: Most of the component ingredients in this product are readily bio-degradable and classed as non-toxic.

Section 13 - Disposal Considerations

Disposal: Waste is not hazardous as defined by RCRA (40 CFR 261). Method of disposal is to landfill.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations. Do not dump this product into any sewers, ground or body of water.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

<p>Shipping Name: NA</p> <p>Shipping Symbols: NA</p> <p>Hazard Class: NA</p> <p>ID No.: NA</p> <p>Packing Group: NA</p> <p>Label: NA</p> <p>Special Provisions (172.102): None</p>	<p>Packaging Authorizations</p> <p>a) Exceptions:</p> <p>b) Non-bulk Packaging:</p> <p>c) Bulk Packaging:</p>	<p>Quantity Limitations</p> <p>a) Passenger, Aircraft, or Railcar:</p> <p>b) Cargo Aircraft Only:</p> <p>Vessel Stowage Requirements</p> <p>a) Vessel Stowage:</p> <p>b) Other:</p>
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Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: NA

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) Material is not recordable under CERCLA.

SARA 311/312 Codes: NA

313 Reportable ingredients: None

CA Proposition 65 List: NA

OSHA Regulations:

Hazard Communication Standard (29 CFR 1910.1200): This material is not regulated.

Section 16 - Other Information**Prepared By:** Steve High, Consultant**Revision Notes:** NA

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NE = Not Established; NA = Not Applicable; ND = Not Determined