

**Material Safety Data Sheet**

**Product: MK TILE & GROUT KLEAN**

Supplied By:

**MARBLE KARE PRODUCTS, INC.**

**24-HR. CHEMICAL EMERGENCIES**

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**SECTION I – PRODUCT IDENTITY**

**Trade Name: MK TILE & GROUT KLEAN**

**DOT Information:**

**UN Number:**

None

**Classification:**

Corrosive

**Proper Shipping Name:**

Not Applicable

**Packaging Group:**

Not Applicable

**Hazard Rating:**

**FIRE – 0      REACTIVITY - 1      TOXICITY – 2**

4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

\*\* These values are obtained using the guidelines from the National Fire Protection Association or the National Paint and Coating Association

**SECTION II – HAZARDOUS INGREDIENTS**

<b>Phosphoric Acid</b>	<b>CAS #: 7664-38-2</b>	<b>Exposure limits:</b>	<b>ACGIH TLV:</b>	1mg/m3
<b>Isopropyl Alcohol</b>	<b>CAS #: 57-63-0</b>			400ppmTWA
<b>Nonionic Surfactant (Blend)</b>	<b>CAS #: MIXTURE</b>			N/E
<b>Ethanedioic Acid (Dihydrate)</b>	<b>CAS #: 144-62-7</b>			1mg/m3
<b>Water</b>	<b>CAS #: 7732-18-5</b>			None

**SECTION III – PHYSICAL & CHEMICAL DATA**

<b>Boiling Point:</b>	212-220°F	<b>Melting Point:</b>	Not Applicable
<b>Vapor Pressure (mm Hg):</b>	Not Applicable	<b>Solubility in H<sub>2</sub>O:</b>	Complete
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.14	<b>Evaporation Rate (Butyl Acetate = 1):</b>	Not Applicable
<b>pH:</b>	1-2	<b>Vapor Density:</b>	Same as water
<b>Appearance &amp; Odor:</b>	Clear liquid; alcohol odor	<b>VOC (g/L):</b>	Not Applicable

**SECTION IV – FIRE & EXPLOSION DATA**

<b>Flash Point:</b>	Exceeds 200°F	<b>Open/Closed:</b>	Not Applicable
<b>Flammable Limits:</b>	LEL: Not Applicable	<b>UEL:</b>	Not Applicable
<b>Fire extinguishing materials:</b>	Water, CO <sub>2</sub>		
<b>Special fire fighting procedures:</b>	Floor may be slippery.		
<b>Unusual fire &amp; explosion hazards:</b>	None		

**SECTION V – REACTIVITY DATA**

**Stability:** Stable  
**Incompatibility (Materials to avoid):** Strong acids and oxidizers.  
**Hazardous byproducts of decomposition/combustion:** Normal products of combustion.  
**Hazardous polymerization:** Will not occur.

**SECTION VI – HEALTH HAZARD DATA**

Routes of Exposure & Effects

**Skin:** Prolonged or repeated contact may cause severe irritation.. P  
**Eye:** May cause severe irritation to the eyes.  
**Ingestion:** Ingestion may cause irritation of mucous membranes.  
**Inhalation:** Spray or mist may cause irritation to upper tract.

Acute & Chronic Overexposure Effects

**Acute:** May cause severe irritation to the eyes, skin, and mucous membranes.  
**Chronic:** Unnecessary exposure to any chemical should be avoided.

**Medical Conditions Generally Aggravated by Exposure:** Person with present skin disorder may be more susceptible to irritation.

Toxicity Data

No components listed as carcinogenic with: OSHA, NTP and IARC

**EMERGENCY & FIRST AID PROCEDURES:**

**EYES:** Immediately flush eyes with water for at least 15 minutes.  
**SKIN:** Wash with soap and water.  
**INHALATION:** Relocate to fresh air. If symptoms persist, seek medical attention.  
**INGESTION: DO NOT INDUCE VOMITING!** Drink plenty of water.  
 If unconscious or in convulsion, take to hospital or physician.

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**SECTION VII – PERSONAL PROTECTION**

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**Ventilation & Exhaust:** Good ventilation is required.  
**Respiratory Protection:** No special requirements.  
**Eye Protection:** Wear goggles or chemical safety glasses.  
**Gloves:** Wear rubber or chemical resistant gloves. Use as necessary to prevent skin contact.  
**Other Clothing or Equipment:** Use as necessary to prevent skin contact.  
**Work/Hygienic Practice:** Normal, safe work practices should be exercised when using this product.

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**SECTION VIII – SAFE HANDLING & USE**

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**Storage & Handling:** KKeep out of reach of children. Store in closed container, in a cool place. Avoid freezing.  
A Use only in a well ventilated area.  
**Spills or leaks:** Dike and contain the spill. Absorb the liquid.  
**Waste Disposal:** Scoop material into suitable container for disposal. Area may become slippery. Dispose according to local, state and federal regulations.

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**SECTION IX – OTHER INFORMATION**

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The aforementioned is believed to be correct as of the date hereof; however, no warranty is made, express or implied, regarding the accuracy of this document, since the information contained herein may be applied under conditions beyond our control and under conditions with which we may be unfamiliar. Since data made available subsequent to the date hereof may suggest modification of the information, recipients are advised to determine in advance the suitability of the material for their precise purposes and on the condition that they assume the risk of use thereof.

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*Notes (Not intended to be all inclusive):*

*Abbreviations (if used):*

OSHA Occupational Safety and Health Administration  
NTP National Toxicology Program  
IARC Int'l Agency for Research on Cancer Monographs

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