



Metal-Mason Clean **Surface Cleaning and Degreasing Solution**

MATERIAL SAFETY DATA SHEET

1. Identification

Product Identifier: Metal-Mason Clean

Product Code: Not Applicable

Recommended Use: Cleaning and removing dirt, oil, and stains from masonry and metal surfaces. Neutralizes contaminants.

Restrictions on Use: Not for use on painted surfaces. Always test on a small area before application.

Manufacturer/Importer:

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2. Hazard Identification

Emergency number: Call 911

Classification:

- Skin Irritation: Category 2
- Eye Damage/Irritation: Category 2A
- Acute Toxicity: Category 5 (Inhalation and Oral)

Signal Word: WARNING

Hazard Statements:

- Causes skin and eye irritation.
- May cause respiratory irritation if inhaled in large quantities.
- Harmful if swallowed.

Precautionary Statements:

- Avoid contact with eyes and skin.

- Wear protective gloves and eye protection.
- Do not eat, drink, or smoke while using this product.
- Use only outdoors or in a well-ventilated area.
- Wash hands thoroughly after handling.
- Store locked up and keep out of reach of children.
- Dispose of contents/container in accordance with local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (% by weight)
Water	7732-18-5	80-90%
Potassium Hydroxide	1310-58-3	2-5%
Sulfanil (Sodium Alkyl Sulfate)	151-21-3	5-8%
Surfactants (proprietary)	N/A	2-5%

4. First-Aid Measures

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention immediately.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Eye Contact: Rinse eyes cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Seek medical attention immediately.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Use water spray, foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: None known.

Specific Hazards: Non-flammable. However, in a fire, containers may rupture due to pressure buildup.

Protective Equipment: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Use appropriate personal protective equipment (PPE). Avoid contact with skin, eyes, and clothing.

Environmental Precautions: Prevent product from entering drains or waterways.

Cleanup Methods: Contain and absorb spill with an inert material (e.g., sand, earth). Place in a suitable container for disposal. Dispose of waste in accordance with local, state, and federal regulations.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Use in well-ventilated areas. Do not breathe vapors or mists.

Storage: Store in a cool, dry place. Keep container tightly closed and away from incompatible materials (e.g., acids). Protect from freezing.

8. Exposure Controls/Personal Protection

Ingredient	OSHA PEL	ACGIH TLV
Potassium Hydroxide	2 mg/m ³ (Ceiling)	2 mg/m ³ (Ceiling)

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment (PPE):

- **Eye/Face Protection:** Safety goggles or face shield.
- **Skin Protection:** Chemical-resistant gloves (e.g., nitrile or neoprene).
- **Respiratory Protection:** Not required under normal conditions. If ventilation is inadequate, use a NIOSH-approved respirator.

9. Physical and Chemical Properties

Property	Value
Appearance	Clear liquid
Odor	Slight, characteristic
pH	9-10
Boiling Point	>212°F (>100°C)
Freezing Point	~32°F (0°C)
Specific Gravity	~1.05
Solubility in Water	Completely soluble

10. Stability and Reactivity

Reactivity: Reacts with acids to produce heat.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None known under normal conditions.

Conditions to Avoid: Extreme temperatures, especially freezing and excessive heat.

Incompatible Materials: Acids, strong oxidizers.

Hazardous Decomposition Products: May produce toxic fumes under fire conditions.

11. Toxicological Information

Acute Toxicity:

- Oral LD50 (Rat): >2,000 mg/kg
- Inhalation LC50 (Rat): >5 mg/L

Skin/Eye Irritation: Causes irritation.

Sensitization: Not expected to cause sensitization.

Carcinogenicity: Not classified as a carcinogen by IARC, NTP, or OSHA.

12. Ecological Information

Eco toxicity: May be harmful to aquatic life in large quantities.

Persistence and Degradability: Biodegradable.

Bioaccumulation: Not expected to bio accumulate.

Mobility in Soil: High mobility in water.

13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not discharge into waterways or sewer systems. Empty containers may retain product residue. Treat empty containers as hazardous.

14. Transport Information

DOT Classification: Not regulated as hazardous.

UN Number: Not applicable.

Packing Group: Not applicable.

15. Regulatory Information

TSCA Inventory: All components are listed or exempt.

SARA Title III:

- Section 311/312 Hazard Categories: Acute Health Hazard
- Section 313 Reportable Ingredients: None

16. Other Information

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Prepared By: Mineral Stains LLC

Disclaimer: The information provided in this SDS is correct to the best of our knowledge at the date of its publication. This SDS is intended to describe the product only in terms of health, safety, and environmental requirements. It is not intended for product specification purposes. Always test the product in its intended application.