



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Distributor: MB Stone Restoration & Supply, inc. **Emergency Phone:** 1 (732) 495-8888
Address: P. O. Box 147 - 63 Church Street, Keansburg, NJ 07734-0147
Trade Name: MB-9 **Product Type:** Mildew Stain Remover

SECTION 2 – HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS NO.	PERCENT (optional)	TLV (source)
Sodium Hypochlorite**	7681-52-9		Not Established
Potassium Hydroxide	1310-58-3		2mg/m3(ceiling)(OSHA);2mg/m3(ceiling)(ACGIH)
**For Chlorine *	77-82-50-5	Less than 10	1 ppm(OSHA); 1ppm TWA(ACGIH)

Other ingredients in this product are: Less than 1% by weight or less than 0.1% for carcinogen Not hazardous Declared to be Trade Secret

SECTION 3 – PHYSICAL DATA

Boiling Point (°F.) Near 212 **Specific Gravity (H2O=1.0)** 1.070 **pH(±5)** 12.5
Vapor Pressure (mm Hg) Unknown **Vapor Density (Air=1)** Unknown
Solubility In Water Complete Insoluble Emulsifiable (or Dispersible) Slight (or Partial)
Evaporation Rate (Vs. H₂O) Faster Slower About the Same

Appearance and Odor Pale yellow-green to colorless liquid, characteristic odor.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) °F. None to Boiling **Flammable Limits** **Upper** Unknown **Lower** Unknown
Extinguishing Media CO2, dry chemical, foam, water spray
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply
Unusual Fire and Explosion Hazards None Known

SECTION 5 – REACTIVITY DATA

Stability Stable **Incompatibility** Strong oxidizers.
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion

SECTION 6 – HEALTH HAZARDS

Primary Routes of Exposure Eye Skin Oral Inhalation Other
Signs and Symptoms of Overexposure (Acute) Eyes and skin: causes severe burns and destruction of tissue. Swallowing: pain and inflammation of the mouth, Pharynx, esophagus and stomach. Causes erosion of the mucous membranes especially the stomach. Vomiting will usually occur. Inhalation of vapors from the undiluted product in a poorly ventilated Area may cause respiratory irritation and pulmonary edema. Other symptoms may include circulatory collapse with cold clammy skin, cyanosis and shallow respiration.
Signs and Symptoms of Overexposure (chronic) None Known
Medical Conditions Aggravated by Overexposure None known
Carcinogen or Suspect Carcinogen Ingredients NTP IARC OSHA NONE

SECTION 7 – EMERGENCY AND FIRST AID PROCEDURES

Eyes Flush immediately with water for at least 15 minutes. If persistent irritation occurs, call a physician
Skin Flush immediately with water for at least 15 minutes. Apply a paste of baking soda (sodium bi-carbonate). Call a physician.
Ingestion Swallow immediately milk, egg whites, starch paste, milk of magnesia, aluminum hydroxide gel or magnesium trisilicate gel (CONTINUED IN SECTION 10 BELOW).
Inhalation Remove exposed person to fresh air. Treat symptomatically.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection Not needed under normal conditions of use.
Ventilation requirements Local Exhaust Mechanical Other
Protective Gloves Rubber **Eye Protection** Safety goggles **Other Protective Clothing** May be needed if splashing occur

SECTION 9 – SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Flush sill area with water followed be diluted soda ash solution. For large spills, collect for disposal. Do NOT use Organic absorbents, as fire may result.
Waste Disposal Methods Dispose in accordance with applicable Federal, State and Local ordinances

SECTION 10 – STORAGE AND HANDLING INFORMATION

Precaution to be Taken in Handling and Storage (SECTION 7, CONTINUED). AVOID baking soda because of release of Caron dioxide. Do NOT use any acidic antidotes. When vomiting occur, keep head below hips to avoid aspiration into lungs. Seek immediate medical attention!!! Do not get in eyes or skin or clothing. Do not mix with any other chemical. Use with adequate ventilation. Avoid breathing mists and vapors. Keep container closed. Wash thoroughly after handling. Keep far from acid or ammonia.

The health hazards given on this Material Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.