

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor	MB Stone Restoration & Supply, Inc.	Emergency Phone	(888) 509-5831
Address	329 Doremus Avenue, Newark, NJ 07105		
Trade Name	MB-2 HEAVY DUTY STONE, TILE & GROUT CLEANER	Product Type	Stone, tile and grout cleaner

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
2-Butoxvethanol *	111-76-2	10-20	50 ppm(skin)TWA (OSHA):20 ppm(skin)(ACGIH)
Sodium Metasilicate	6834-92-0		Not Established
Nonylphenolpolyethoxvethanol	9016-45-9		Not Established

SARA HAZARD TITLE III SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED PERCENTAGES

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

## SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	Near 212	Specific Gravity(H <sub>2</sub> O=1.0) (± 0.005)	1.030	pH (± 0.5)	12.5
Vapor Pressure(mm Hg)	Unknown	Vapor Density(Air=1)	Unknown		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate(vs. H <sub>2</sub> O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same				
Appearance and Odor	Liquid. "butyl" odor				

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits	Upper	Unknown	Lower	Unknown
Extinguishing Media	CO <sub>2</sub> , drv chemical, foam, water sprav.					
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothina and self-contained air supplv.					
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 durina incomplete combustion.		

## SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other		
Signs and Symptoms of Overexposure (Acute)	Prolonged contact of concentrated product with skin and/or eyes will cause irritation. Swallowing may irritate mouth, throat or stomach. Possible vomiting or diarrhea may occur. Contains materials which penetrate skin readily. Ingestion, prolonged or widespread contact of product in its concentrated form may result in potentially harmful absorption. Nausea/dizziness may result from breathing vapors of concentrated product in enclosed/confined spaces, where inadequate ventilation may occur.		
Signs and Symptoms of Overexposure(Chronic)	None known		
Medical Conditions Aggravated by Overexposure	None known	Carcinogen/Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> 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	Wash thoroughly with soap and water.
Ingestion	Drink large quantities of milk or water. Call a physician.
Inhalation	Not applicable

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not needed under normal conditions of use.				
Ventilation Requirements	<input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation Is Adequate				
Protective Gloves	Rubber	Eye Protection	Safety glasses/goggles	Other Protective Clothing	Not required for normal use

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Absorb with suitable absorbent. For large spills,absorb with suitable absorbent, then shovel into containers.
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Avoid contact with skin eyes and clothing. Wash thoroughly after handling. Use with adequate ventilation.
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The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, under normal conditions of use.

DATE PREPARED  
3/3/2011