

# MIGHTY MAC BRAND

## DEEP CLEAN *Carpet Extraction Cleaner*

### DESCRIPTION

Carpet extraction cleaner is a specialized product composed of low foam detergents, sequestering agents and water soluble solvents. It is formulated to provide maximum cleaning action from both hot and cold water carpet extraction units without leaving any residue behind. It dissolves and lifts out grease, oils, foods and soils from carpet fibers and, with its built in optical brightening system and odor counteractants, leaves the carpet looking, feeling and smelling brand new. At proper dilution, it is safe for use on today's stain resistant carpeting.

### DIRECTIONS

Prior to cleaning, carpet should be vacuumed thoroughly. This product must be diluted prior to use.

**FOR GENERAL CLEANING OF CARPETS:** Add 1 ounce of concentrate per gallon of water in solution tank.

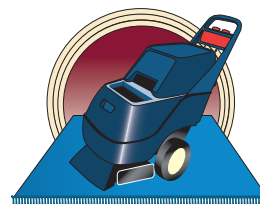
**FOR HEAVILY SOILED CARPETS:** Add 2 to 3 ounces of concentrate per gallon of water in solution tank.

**FOR HEAVILY SOILED TRAFFIC LANES:** Dilute 1 ounce of concentrate per 8 ounces of water and mist spray area prior to extraction.

Pre-spray high traffic areas where heavy soils may be encountered. Use a spot remover to remove heavy stains, gum, etc. Apply solution to the carpet using the minimum liquid necessary for acceptable cleaning. Do not over-wet carpet. Then extract to remove liquid with one or more passes.

### PRODUCT SPECIFICATIONS

<b>Active Ingredients:</b>	12.0 ± 0.5%
<b>Color:</b>	Light blue
<b>Odor:</b>	Fresh
<b>pH:</b>	9.0 - 9.5
<b>Viscosity:</b>	Water thin
<b>Foam:</b>	Low
<b>Abrasives:</b>	None
<b>Solubility:</b>	Complete with water
<b>Emulsification:</b>	Excellent
<b>Detergency:</b>	Excellent
<b>Rinsability:</b>	Excellent
<b>Flash Point:</b>	None (waterbased)
<b>Soil Retardency:</b>	Excellent
<b>Biodegradability:</b>	Complete
<b>Storage/Stability:</b>	2 years
<b>Weight per Gallon:</b>	8.54 lbs./gal.
<b>Freeze / Thaw Stability:</b>	Keep from freezing



**Reorder#**  
**23-0322**



## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Product Name:** Deep Clean  
**Generic Name:** Carpet Extraction Cleaner  
**Chemical Family:** Solvent Detergent Blend  
**Formula:** Proprietary

**Suppliers Name:** Michco  
**Suppliers Address:** 2011 N. High St., Lansing, MI 48906  
**Suppliers Website:** www.Michco.com

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Glycol Ether DB	112-34-5	5 to 10			
Nonionic Surfactants	9016-45-9	0 to 5			
Sodium Thiosulfate	7772-98-7	0 to 5			
EDTA	64-02-8	0 to 5			
Perfume Oils	N/A	0 to 5			
Dye	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 214 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 85+  
**Solubility in Water:** Complete  
**Physical Description:** Thin light blue liquid with pleasant odor.

**Specific Gravity:** 1.024  
**Vapor Density (Air=1):** >1  
**pH:** 9.0-9.5  
**Evaporation Rate (Water=1):** <1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Upper Explosion Limit:** N/A  
**Lower Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Unusual Fire and Explosion Hazards:** N/A

## SECTION 5-REACTIVITY DATA

**Stability:** Stable

**Hazards Decomposition Products:** Alkaline vapors in a fire.

**Hazardous Polymerization:** None

**Incompatibility (Materials to Avoid):** Strong acids.

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective gloves and eyewear when handling concentrate. Avoid breathing of vapors. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**

**Skin:** Slight skin irritant. May cause moderate reddening. Dermatitis from prolonged or repeated contact.

**Eyes:** Eye irritant. Redness and tearing initially. Mists may damage eyes with prolonged contact.

**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.

**Ingestion:** Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.

**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.

**Inhalation:** Remove victim to fresh air. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well-ventilated area.

**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

**Protective Gloves:** Chemical resistant rubber or neoprene.

**Eye Protection:** Safety glasses or chemical splash goggles.

**Other Protective Equipment:** Eyewash station nearby. Protective footwear e.g. rubber boots when using.

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

**SARA Title III - Section 311/312 -Hazard Categories:**

No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**

FOR CONTAINERS > 1 Gallon : Cleaning Compound  
 FOR 1 GALLON CONTAINERS : Cleaning Compound  
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMS Hazardous Materials Identification System**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
exempt	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product