

# MIGHTY MAC BRAND

## IMPERIAL SG2 *Carpet Neutralizer*

### DESCRIPTION

A specially formulated product with **Soil Guard® 2000**, used to rinse the carpet after extraction cleaning, shampooing, or bonnet buffing. This necessary step will remove any residual remaining in the carpet fibers and will further rinse on the acid side to prevent the carpet from oxidizing (turning brown), leaving a pleasant scent. Excellent for coffee, tea, and light rust stains. Safe on all carpet fibers including wool. Does not contain any optical brighteners.

The new **Soil Guard® 2000** cleaning technology incorporates DuPont Zonyl® Soil and Stain Protector to deliver a product that neutralizes harsh alkali residues from previous cleanings, removes detergent residues from the fibers and gives the dry carpet a fresh clean feel.

### DIRECTIONS

**First Method:** Most carpet manufacturers cleaning recommendations state that the carpet should be sprayed using a prespray, Traffic and Bonnet Cleaner, or an extraction product on the carpet, allowing the chemical to dwell for 3-5 minutes to emulsify the greasy soil and dirt. Then follow up by diluting Rinse & Neutralizer in the extraction machine 2-3 oz. per gallon of water. Proceed to rinse.

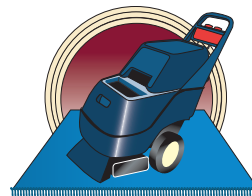
**Second Method:** Dilute Rinse & Neutralizer in a sprayer at a 2-3 oz. per gallon ratio and lightly mist over the previously cleaned carpet, allowing to dry simultaneously.

**Third Method:** To remove chemical build-up on extremely soiled carpets, dilute Rinse & Neutralizer in an extraction machine, 2-3 oz. per gallon of water, and rinse the carpet before extraction, shampooing or bonnet buffing. Always test an inconspicuous area to determine colorfastness.

**FEATURE BENEFIT:** By using the Rinse & Neutralizer through the extraction machine, it prevents the jets from clogging which could cause streaking during extraction.

### PRODUCT SPECIFICATIONS

<b>Active Ingredients:</b>	10.0 ± 0.5%
<b>Color:</b>	Water Clear
<b>Odor:</b>	Spring mist
<b>pH:</b>	1.5 - 2.0
<b>Viscosity:</b>	Water thin
<b>Foam:</b>	Low
<b>Petroleum Distillates:</b>	None
<b>Inorganic Acids:</b>	None
<b>Phosphate Content:</b>	None
<b>Solubility:</b>	Complete with water
<b>Soil Retardency:</b>	Excellent
<b>Biodegradability:</b>	Complete
<b>Storage/Stability:</b>	2 years
<b>Weight per Gallon:</b>	8.80 lbs./gal.
<b>Freeze / Thaw Stability:</b>	Keep from freezing



**Reorder#**  
**25-0480**



Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: n/a

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** Imperial SG2  
**Generic Name:** Carpet Neutralizer  
**Chemical Family:** Mild Acid/ 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			
Citric Acid	77-92-9	0 to 5			
Nonionic Surfactant	9003-11-6	0 to 5			
Anionic Surfactant	119345-04-9	0 to 5			
DuPont Zonyl® Fluorocarbon	NJTS Registry # 00850201001-5230P	0 to 5			
Fragrance	N/A	0 to 5			

**SECTION 3-PHYSICAL DATA**

**Boiling Point (°F):** 212 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 90+  
**Solubility in Water:** Complete  
**Physical Description:** Clear liquid with characteristic odor.

**Specific Gravity:** 1.054  
**Vapor Density (Air=1):** >1  
**pH:** 1.5-2.0  
**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:** Will not occur.

**Hazardous Polymerization:** Will not occur  
**Incompatibility (Materials to Avoid):** Strong alkalis, oxidizers.

**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. Avoid breathing of vapors. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure:**  
**Skin:** Mild irritant. Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Eye irritant. May cause redness or swelling.  
**Inhalation:** N/A  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.  
**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.  
**Inhalation:** N/A  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** No special requirements.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Chemical splash goggles recommended.  
**Other Protective Equipment:** N/A

**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 disposal 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

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</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
	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