

MIGHTY MAC BRAND

ICE MELT *Residue Remover*

DESCRIPTION

An all-purpose cleaner used to condition floors and remove ice melt residue, hard-water build-up, and soap haze from all surfaces. Designed to dissolve all ice melt chlorides, soap and hard water films as well as scum, scale, and other organic residues. When used as directed, it will not harm any surface not affected by water. Highly concentrated and economical to use.

DIRECTIONS

Depending upon the flooring type and soil levels encountered, follow the directions as outlined below using warm water:

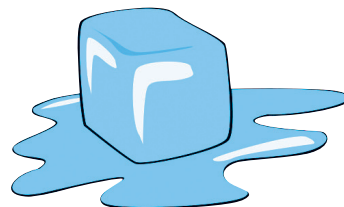
• **For clean up of ice melt residues from finished flooring:** For light residue removal, dilute solution at 3 oz. per gallon of water. For heavy residue removal, dilute at 8 oz. per gallon. Damp mop floor in usual manner and let stand for 5 to 8 minutes. Scrub or agitate as required using a mop, automatic scrubber or single disc floor machine. Pick-up the solution with mop and bucket or wet vacuum.

• **For Concrete, brick, terrazzo floors:** Dilute 8 oz. of concentrate per gallon of water. Damp mop floor in usual manner and let stand for 5 to 8 minutes. Scrub or agitate as required using a mop, automatic scrubber or single disc floor machine. Pick-up the solution with mop and bucket or wet vacuum.

• **For spray and wipe applications:** Dilute 1 to 1 with water. Spray on ice melt residue and let stand for 3 minutes. Use a clean microfiber cloth to wipe clean. Rinse with water.

PRODUCT SPECIFICATIONS

Color:	Green
Fragrance:	Winter Spice
pH:	8.5 – 9.5
pH of Dilution:	7.5 - 8.5
Viscosity:	Water thin
Foam:	Moderate
Detergency:	Excellent
Biodegradability:	Complete
Solubility:	Complete with water
Flash Point:	None
Storage/Stability:	1 year
Freeze/Thaw Stability:	Keep from freezing
Weight Per Gallon:	8.96 lbs. per gallon



Reorder#
16-0172



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Ice Melt Residue Remover
Generic Name: Ice Melt Residue Remover
Chemical Family: 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			
Nonionic Surfactant	9016-45-9	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Sodium Tripolyphosphate	7758-29-4	0 to 5			
Sodium Xylene Sulfonate	1300-72-7	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 85+
Solubility in Water: Complete
Physical Description: Yellow-green liquid with pleasant apple-spice odor.
VOC Content: None

Specific Gravity: 1.074
Vapor Density (Air=1): >1
pH: 8.5 – 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: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION: Eye irritant. May cause skin irritation with prolonged or repeated contact. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and eye protection when handling. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: 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: No special requirements
Protective Gloves: Chemical resistant rubber or neoprene recommended.
Eye Protection: Safety glasses or chemical splash goggles recommended.
Other Protective Equipment: Protective rubber footwear when applying to floors.

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

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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