



Multi-Clean[®] **Bro-Go**

Eliminates carpet browning

BRO-GO is a mild acid product that removes browning or yellow discoloration from rugs and some upholstery. Browning occurs when the carpet has been oversaturated with water or there is an excessive buildup of old shampoo.

Because of its mild acid character, BRO-GO neutralizes the alkalinity in the carpet caused by residual shampoo and hard water ingredients. BRO-GO is also effective as a spotter on fresh urine stains. It will also control salt track marks during the winter months.

Specifications For Bro-Go

Appearance	Clear
pH @ 1:32.....	2.0 - 2.2
Specific Gravity	1.109 - 1.113
Flashpoint	None
Percent Solids.....	28 min.
Dilution	Normally 4 oz. per gallon of water
Coverage	400 sq. ft. per gallon of diluted Bro-Go
Free Alkali	None
Hardwater Tolerance	Excellent
Biodegradable.....	Yes
Phosphate-Free	Yes
Storage Stability	Excellent, 1 year under normal conditions
Freeze-Thaw Stability.....	Freezes at a very low temperature. If frozen, will recover on thawing with no loss of efficiency. Agitate product after thawing and before use.

Packaging

1 gallon, #902133

DIRECTIONS: To eliminate a brown area, apply a 4 oz/gal. BRO-GO solution to the carpet using a low pressure sprayer *prior* to normal extraction or rotary cleaning. If browning persists, apply a 4 oz/gal. BRO-GO solution to carpet *after* normal cleaning. If browning persists after double application, discontinue use of BRO-GO.

CAUTION: EYE IRRITANT. CONTAINS SYNTHETIC SURFACTANTS AND CITRIC ACID. Avoid eye contact. If eye contact occurs, rinse eyes with running water for at least 15 minutes. If irritation persists, see a physician. Avoid prolonged or repeated skin contact. If ingested, call a physician immediately.

NOTICE: Our only obligation shall be to replace or pay for any material proved defective. Beyond the purchase price of materials supplied by us, we assume no liability for damages of any kind and the user accepts the product "as is" and without warranties, express or implied. The suitability of the product for an intended use shall be solely up to the user.

The following chemicals are listed in accordance with state laws: Surfactant (proprietary), Citric acid CAS #77-92-9, Water CAS #7732-18-5

KEEP OUT OF REACH OF CHILDREN

KEEP FROM FREEZING

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I			
Identity (As Used on Label and List): Multi-Clean Bro-Go			
Date Prepared: 9/9/91			
Emergency Telephone Number: 612-481-1900			
Telephone Number for Information: 612-481-1900			
Manufacturer's Name and Address:			
Hako Minuteman Inc./Multi-Clean Division			
600 Cardigan Road			
Shoreview, MN 55126			
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION			
Hazardous Components (Specific Chemical Identity):			
Common Name(s)	OSHA PEL	ACGIH TLV	Recommended % (Optional)
Surfactant (proprietary)	None	None	NK 2-7
Citric acid			
CAS #77-92-9	None	None	NK 20-30
Water			
CAS #7732-18-5	None	None	NK 65-75
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS			
Boiling Point: Approximately 212°F			
Specific Gravity (H ₂ O) = 1: 1.108			
Vapor Density (Air = 1): < 1			
Evaporation Rate (Butyl Acetate = 1): NK			
Solubility in Water: Complete			
Vapor Pressure (MM HG): NK			
Melting Point: NA			
Appearance and Odor: Clear liquid, wintergreen fragrance.			
SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (method used): None			
Flammable Limits: NA LEL UEL			
Extinguishing Media: Water? Foam? Water Fog?			
Alcohol Foam? CO ₂ ? Dry Chemical?			
Vaporizing Liquid? Other? NA			
Special Fire Fighting Procedures: NA			
Unusual Fire and Explosion Hazards: NK			
SECTION V - REACTIVITY DATA			
Stability: Unstable: Stable: X			
Conditions to Avoid: NK			
Incompatibility (materials to avoid): NK			
Hazardous Decomposition or By-products: NK			
Hazardous Polymerization: May occur: Will not occur: X			
Conditions to avoid: NA			
SECTION VI - HEALTH HAZARD DATA			
Route(s) of Entry: Inhalation? No Skin? No Ingestion? No			
Health Hazards (Acute and Chronic): Eye irritant.			
Carcinogenicity: NTP? No IARC Monographs? No			
OSHA Regulated? No			
Signs and Symptoms of Exposure: See Health Hazards.			
Medical Conditions Generally Aggravated by Exposure: NK			

Emergency and First Aid Procedures: If swallowed, call a physician immediately. For eye contact, rinse eyes with running water for at least 15 minutes. If irritation persists, see a physician. For skin contact, wash with soap and water.
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with absorbent material (example: floor-dri) or vacuum up immediately and dispose of according to local, state and federal regulations. Thoroughly rinse affected area with water.
Waste Disposal Method: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal product use (according to manufacturer's directions) may be sewerred in compliance with local, state and federal regulations.
Precautions to be Taken in Handling and Storing: Normal care in handling and storage.
Other Precautions: Keep out of reach of children. Keep from freezing. Avoid prolonged or repeated skin contact.
SECTION VII - CONTROL MEASURES
Respiratory Protection (Specify Types): NR
Ventilation: Local Exhaust: NA Special: NR
Mechanical (General): Normal good ventilation sufficient.
Other: NR
Protective Gloves: Natural rubber or synthetic.
Eye Protection: Approved safety goggles or glasses.
Other Protective Clothing or Equipment: NR
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.
NA - Not Applicable, NE - Not Established, NK - Not Known, ND - Not Determined, NR - Not Required

NOTICE STATE OF CALIFORNIA: This product may contain trace amounts of chemical impurities in the raw materials, which may be considered by the State of California to cause cancer or reproductive defects.

NFPA SYSTEM

2 A. Health Hazard: 4 - DANGER - May be fatal on short exposure. Specialized protective equipment required; 3 - WARNING - Corrosive or toxic. Avoid skin contact or inhalation; 2 - WARNING - May be harmful if inhaled or absorbed; 1 - CAUTION - May cause irritation; 0 - No unusual hazard. *Health hazard describes short term contact or inhalation hazard only.

0 A. Fire Hazard: 4 - DANGER - Flammable gas or extremely flammable liquid; 3 - WARNING - Flammable liquid flashpoint below 100°F; 2 - CAUTION - Combustible liquid flashpoint of 100°F to 200°F; 1 - CAUTION - COMBUSTIBLE, if heated; 0 - NOT COMBUSTIBLE.

0 A. Reactivity Hazard: 4 - DANGER - Explosive material at room temperature; 3 - DANGER - May be explosive if shocked, heated under confinement, or mixed with water; 2 - WARNING - Unstable, or may react if mixed with water; 1 - CAUTION - May react if heated, or mixed with water; 0 - STABLE, not reactive when mixed with water.

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