

#31799

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**MATERIAL SAFETY DATA SHEET**



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Rochester NY 14621  
Information: 716-336-2200

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

**PRODUCT NAME: KARPET KLEEN, Carpet Dry Cleaning System**

REVISION DATE: 01/18/2001 REVISION NUMBER: 2  
DATE PRINTED: 07/26/2001 PREPARED BY: Walter Friedlander

**1. CHEMICAL PRODUCT**

MSDS FORM NUMBER: 7045  
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2  
Fire: 0/0  
Reactivity: 0/0  
Special/Protective None/A  
Equipment:

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Components**

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT
Detergents MIXTURE	15 max.	NA	NA	NA	NA
2-BUTOXYETHANOL 111-76-2	5 - 10	20	PPM (skin)	50	PPM (skin)

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**3. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (F): > 180 F (C) NA  
VAPOR PRESSURE: 12 - 15 mm Hg.  
VAPOR DENSITY (AIR=1): 0.60 - 0.70  
Solubility in Water: Complete  
SPECIFIC GRAVITY: 1.036  
VOC Content (%): 8  
EVAPORATION RATE: (BuAc = 1) : 1.26  
PH: 8.0 - 8.5  
Appearance and Odor: Clear. Light blue liquid. Mild fragrance.

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (F): None (C): NA  
METHOD: None

## KARPET KLEEN, Carpet Dry Cleaning System

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

### 5. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** None

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**CONDITIONS/HAZARDS TO AVOID:** None.

### 6. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

##### **INGESTION:**

Causes vomiting, nausea, and diarrhea.

##### **SKIN CONTACT:**

Prolonged contact may lead to irritation and dermatitis.

##### **INHALATION:**

Inhalation of dust or mist may cause nose and respiratory irritation. Excessive inhalation causes headache, dizziness, nausea and incoordination.

##### **EYE CONTACT:**

May cause moderate eye irritation.

##### **CHRONIC EFFECTS:**

2-Butoxyethanol is readily absorbed through the skin; frequent or widespread contact may absorb harmful amounts. Repeated overexposure may cause damage to liver, kidney, and red blood cells.

##### **EFFECTS/CARCINOGENICITY:**

None listed under OSHA, IARC, or NTP.

##### **ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

#### EMERGENCY AND FIRST AID MEASURES:

**INGESTION:** DO NOT INDUCE VOMITING. Get immediate medical attention. May cause aspiration pneumonia. Never give anything by mouth to an unconscious person. **SKIN:** Rinse thoroughly with water. Get medical attention if irritation persists. **INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. **EYES:** In

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case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTES TO PHYSICIAN: None.

**7. HANDLING AND STORAGE**

**SPILL PROCEDURES:**

**SMALL SPILLS:** Mop up all possible. Rinse down drain.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

**WASTE DISPOSAL METHODS:**

Dispose in accordance with Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Caution: Use only with adequate ventilation. Do not store near heat, sparks or flame. Store only in original container and keep closed. Avoid contact with skin and eyes. Do not breathe mist or vapors.

**OTHER PRECAUTIONS:**

Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- EXPOSURE CONTROLS:** Use in a well ventilated area.
- RESPIRATORY PROTECTION:** None normally required.
- PROTECTIVE GLOVES:** Viton gloves. Neoprene. Nitrile gloves.
- EYE PROTECTION:** Safety Glasses. Goggles.
- OTHER PERSONAL PROTECTION EQUIPMENT:** Appropriate protective clothing as needed to prevent skin contact.
- VENTILATION:** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Use non-sparking equipment.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*