



MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: TEC99409 Technician's Choice Foaming Carpet Upholstery Cleaner
Product Code: 1286
Product Class: AEROSOL CLEANER

Date Prepared: December 18, 2002
Date of Review/Update: April 7, 2009

Manufacturer/Supplier: ECP Incorporated
11210 Katherine's Crossing, Suite 100
Woodridge, IL 60517
Telephone: 630-754-4200
Emergency Telephone: CHEMTREC 800-424-9300

Section 2: Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
2-BUTOXYETHANOL	111-76-2	3	25ppm	50ppm
COCYL SARCOSINE	68411-97-2	2	Not Available	Not Available
LIQUIFIED PETROLEUM GAS	68476-85-7	10	1000	1000

Listed as IARC, NTP, or OSHA Carcinogen: None

Section 3: Hazard Identification

Signs and Symptoms of Exposure:

Eye: Eye irritant, redness, itching, burning. Ingestion: Not likely to occur. Skin: Skin irritant, redness, itching, burning.

Inhalation: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Medical Conditions Aggravated by Exposure: 2-Butoxyethanol may cause corneal injury and blood abnormalities, may be absorbed through the skin with toxic effects and may cause damage to the spleen and testes. Prolonged overexposure to solvent ingredients in (Section 2) may cause adverse effects to the lung, liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage.

HMIS Rating: Health- 1 Fire- 2 Reactivity- 0 Personal Protection- A
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Section 4: First Aid Measures

Eye Contact: Flush with large amounts of water for 15 minutes. Seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Seek medical attention.

Skin Contact: Wash affected area with soap and water for 15 minutes. Remove contaminated clothing and launder before reuse.

Inhalation: Remove exposure. Restore breathing. Keep warm and quiet. If symptoms worsen seek medical attention.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Propellant Flash Point: -160°F Flammable Limits: LEL: 1.8 UEL: 8.5

Extinguishing Media: Water fog, dry chemical, foam or carbon dioxide.

Protective Equipment: Full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build up and possible auto ignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks, and open flame. closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked: Remove all sources of ignition. Ventilate and remove with inert absorbent.

Section 7: Handling and Storage

DOL STORAGE CATEGORY: 1A

PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING: Contents are extremely flammable. Keep away from any heat or spark source. Vapors will accumulate readily and may ignite explosively. Do not smoke and turn off any source of ignition before use. Consult NFPA CODE. Contents under pressure, do not puncture incinerate or expose container to elevated temperatures that could cause the container to burst. Heat from sunlight, radiators, stoves, hot water or other sources of heat could cause the container to burst.

Section 8: Exposure Controls and Personal Protection

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.

Respirator Protection: If exposure cannot be controlled below the limits in SECTION 2 a properly fitted organic vapor/particle type NIOSH/MSHA approved respirator. Refer to OSHA 1910.94, 1910.107, 1910.108.

Skin Protection: Gloves rated for protection against ingredients in SECTION 2.

Eye Protection: Safety glasses with side shields or chemical goggles.

Section 9: Physical and Chemical Properties

Boiling Point: N/A

Vapor Density: >1.0

Specific Gravity: 0.9±0.05

% Volatile: 100.00%

Appearance/Odor: N/A

Vapor Pressure (mmHg @ 68°F): 130

Solubility in Water: Complete

Melting Point:

pH: N/A

Section 10: Stability and Reactivity

Stability: Stable

Materials to Avoid: acids aluminum brass, silver, copper, zinc, strong alkalis, strong oxidizers, hypochlorites, reactive metals, metallic mercury

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Strong Oxidizers / Reducers, Extreme heat.

Hazardous Decomposition Products: Ammonia, carbon dioxide.

Section 11: Toxicology Information

Not Available

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Waste from this product may be hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. De-pressurize container.

Dispose of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): CONSUMER COMMODITY, ORM-D

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101

<u>Component</u>	<u>RQ (lb.)</u>	<u>For This Product</u>
None		
TSCA (Toxic Substances Control Act) Status		
The intentional ingredients of this product are listed.		
CERCLA RQ - 40CFR 302.4: None		
SARA 302 COMPONENTS - 40CFR 355 Appendix A: None		
SECTION 311/312 HAZARD CLASS - 40CFR 370.2		
Immediate (X)	Reactive	()
Delayed (X)	Sudden Release of Pressure	()
Fire (X)		

SARA 313 COMPONENTS - 40CFR 372.65

COMPONENT

<u>Component</u>	<u>CAS NUMBER</u>	<u>MAXIMUM PERCENT</u>
glycol ether(2-BUTOXYETHANOL)	111-76-2	10.00%

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

Ingredient		Max. % By Wt.	LD50	LC50
2-BUTOXYETHANOL	111-76-2	10	oral-rat - 1480mg/kg	Not Established
COCYL SARCOSINE	68411-97-2	2	Not Established	Not Established
LIQUIFIED PETROLEUM GAS	68476-85-7	10	Not Established	Not Established

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage