

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Water Extraction Carpet Cleaner Concentrate
Synonyms: ST-702, ST-703
Company: Stearns Packaging Corporation
4200 Sycamore Avenue (53714)
PO Box 3216
Madison, WI 53704-0216
Phone: 800-655-5008
Fax: 608-246-5149

Formula ID Number: JL-20
MSDS File Name: WATER EXTRACT CARPET
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Compound, cleaning, NOI,
liquid. Item 48580, Sub. 3, Class 55
NSF Certified: None
Hazard Label: None

Concentrate		In Dilution		HAZARD RATING
1	Flammability	0		
2	Health	1		2 = Moderate 1 = Slight
0	Reactivity	0		0 = Insignificant
None	Special Hazard	None		

Emergency Contact: CHEM-TEL, 800-255-3924

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	% (Optional)
Ethylene glycol monobutyl ether	111-76-2				

SARA Section 313 Title III Notification Required: Yes; Chemical in Product: Ethylene glycol monobutyl ether; CAS #: 111-76-2; Weight % of Chemical: 9.69%

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear, blue liquid; butyl odor
Solubility in water: Complete
Boiling Point: N.D.
Melting Point: N.A.

Vapor Pressure (mm Hg): N.D.
Vapor Density (Air=1): N.D.
Evaporation Rate (Water=0.3): N.D.

pH (Concentrate): 7.3-7.7
pH (1% Solution): N.D.
Specific Gravity: 1.01

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F
LEL: N.A.
UEL: N.A.

Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.
Unusual Fire & Explosion Hazards: None

Extinguishing Media: N.A.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: Unstable: _____
Conditions to Avoid: Avoid freezing and extremes of heat.
Incompatibility (Materials to Avoid): None known

Hazardous Polymerization: May Occur _____ Will Not Occur
Conditions to Avoid: None known
Hazardous Decomposition or By-Products: None known

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): INHALATION: Anesthetic. Irritates respiratory tract. May cause serious nervous system depression. May cause damage to kidneys, blood, nerves, liver, and lungs. Absorption through skin increases exposure. EYES: Primary irritation, redness, tearing, blurred vision. SKIN: Primary irritation, defatting, dermatitis. INGESTION: May be harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting, and diarrhea.

Signs and Symptoms of Exposure: As listed above in Health Hazards.+
Medical Conditions Aggravated by Exposure: No data available
Carcinogenicity: IARC Monographs? Yes _____ No
NTP? Yes _____ No OSHA Regulated? Yes _____ No
NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

Emergency and First Aid Procedures:
Eyes: Flush with cool water for at least 15 minutes. If irritation persists, consult a physician.
Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
Inhalation: Remove from exposure. Obtain medical attention immediately.
Ingestion: May be harmful if swallowed. If ingested, drink large amounts of water or milk. **DO NOT** induce vomiting. Get medical attention immediately. Avoid contamination of foods.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Recommended for control of dusts, mists, and vapors.
Mechanical: Recommended for control of dusts, mists, and vapors.

Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged exposure.

Eye Protection: Splash goggles, or safety glasses if splashing is not a concern.

Respirator Protection: In general, respirators are not needed if the product is used in a well-ventilated area. However, a respirator is recommended when working with products where dusts and mists cause irritation of the eyes and/or mucous membranes.

Other Precautions: Always keep out of the reach of children.

Steps to be Taken if Material is Spilled or Released: For small spills or drips, mop or wipe up with absorbent material. For large spills, isolate from oxidizers, heat and open flame. Persons without proper protective gear should be kept away from area until cleaned of spill. Stop spill at source. Dike area to prevent spread. Pump liquid into salvage tank. Remainder may be taken up on absorbent material and shoveled into containers.

Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.

Handling and Storage: Store at temperatures between 40°F and 120°F. Keep container closed when not in use. Do not mix with other chemicals or cleaning agents.

SECTION 8 – OTHER REGULATORY INFORMATION

SARA Title III listed chemicals:
Ethylene glycol monobutyl ether 111-76-2

Massachusetts and Pennsylvania Right-to-Know laws and extraordinarily hazardous substances:
Ethylene glycol monobutyl ether 111-76-2
Ethylene oxide 75-21-8

California Safe Drinking Water and Toxic Enforcement Act of 1986-No chemical listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.
Ethylene oxide 75-21-8
California SCAQMD rule 443.1 VOCs : VOC 900 G/L
Vapor pressure 0.6 mm Hg @ 20C

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