



SAFETY DATA SHEET

Carpet Clean

1. IDENTIFICATION

Product Identifier	Carpet Clean
Product Code / SKU	MAD-CRPT-071 (16 oz) · MAD-CRPT-073 (1 gal)
Other Names	Carpet & Upholstery Cleaner
Recommended Use	pH-neutral cleaner for marine and automotive carpet, upholstery, and synthetic fabric surfaces. Removes stains, salt deposits, mold and mildew staining, and organic soiling without bleaching or damaging fabric fibers.
Restrictions on Use	Not for use on waxed or ceramic-coated surfaces. Not for food-contact surfaces. Keep out of reach of children and pets.

Supplier / Distributor

Company	MAD SOAPS Inc.
Address	2830 Solomons Island Rd, Edgewater, MD 21037
Phone	(833) 623-7627
Email	marketing@madsoaps.com
Website	www.madsoaps.com

Manufacturer

Company	Third-Party Manufacturer (identity withheld — available to authorized emergency responders upon request per 29 CFR 1910.1200(i))
Reference	White-label product. Hazard data derived from manufacturer bulk SDS. Formulation independently verified by supplier.

Emergency Contact

24-Hour Chemical Emergency	CHEMTREC: 1-800-424-9300 (USA / Canada)
Poison Control Center	1-800-222-1222 (USA)

2. HAZARD(S) IDENTIFICATION

Classification

GHS: Skin Corrosion / Irritation — Category 2 (H315); Serious Eye Damage / Eye Irritation — Category 2A (H319).

Physical Hazards: Not classified as flammable. Mixture is >80% water; does not sustain combustion.

Other Hazards: Contains 2-Butoxyethanol, which is toxic at pure-substance concentrations. As formulated (10-15% in aqueous solution), systemic hazard is substantially reduced. Product is not classified as acutely toxic at mixture level.

Label Elements

Pictograms



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GHS07 —
Exclamation Mark

Signal Word: **WARNING**

Hazard Statements

H315 — Causes skin irritation.

H319 — Causes serious eye irritation.

Precautionary Statements — Prevention

Wash hands and exposed skin thoroughly after handling. Wear protective gloves and eye/face protection when using in spray form or concentrated quantities. Avoid contact with eyes. Use in well-ventilated areas.

Precautionary Statements — Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do — continue rinsing. If eye irritation persists, get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

Precautionary Statements — Storage

Store in a cool, dry, well-ventilated location away from direct sunlight. Keep container tightly sealed. Keep out of reach of children and pets. Do not freeze.

Precautionary Statements — Disposal

Dispose of contents and container per applicable federal, state, and local regulations. Do not dispose of into waterways or storm drains.

Other Hazards

Not classified for carcinogenicity, reproductive toxicity, or germ cell mutagenicity. 2-Butoxyethanol is IARC Group 3 (not classifiable as carcinogenic to humans).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS No.	Concentration
Water	Aqua	7732-18-5	80 – 90%
2-Butoxyethanol	Ethylene glycol monobutyl ether, 1-BGME2	11176-44-7	10 – 15%
Proprietary blend (chelating agents, surfactants)	Withheld as Trade Secret	Withheld	< 15%

Concentrations are percent by weight. Identity of proprietary components withheld as trade secret per 29 CFR 1910.1200(i). No carcinogens recognized by OSHA, NTP, or IARC (Group 1 or 2A) are present.



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4. FIRST-AID MEASURES

Eye Contact	Immediately flush eyes with cool running water for at least 15 minutes, holding eyelids open. Remove contact lenses if present. Continue rinsing. Seek medical attention if irritation, redness, or pain persists.
Skin Contact	Remove contaminated clothing immediately. Wash skin with soap and water for at least 10 minutes. Seek medical attention if irritation develops or persists.
Inhalation	Remove person to fresh air and keep at rest. If symptoms persist or worsen, seek medical attention.
Ingestion	Do NOT induce vomiting. Rinse mouth with water. Give 1-2 glasses of water or milk if conscious. Call Poison Control Center (1-800-222-1222) or seek medical attention immediately.
Most Important Symptoms	Eye irritation and redness; skin irritation with prolonged contact; mild respiratory irritation possible in enclosed spaces.
Medical Attention	For significant ingestion, monitor for gastrointestinal upset and hemolytic effects (2-Butoxyethanol component). Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, CO ₂ , dry chemical powder, or alcohol-resistant foam.
Unsuitable Extinguishing Media	None. Product is non-flammable as formulated.
Specific Hazards	Product does not support combustion (>80% water). Under fire conditions, thermal decomposition may produce CO, CO ₂ , and trace organic vapors from the glycol ether.
PPE for Firefighters	Full structural fire-fighting protective gear. SCBA in enclosed or poorly ventilated spaces.
Flash Point	None detected for mixture. Pure 2-Butoxyethanol flash point: 61 degC (142 degF) — not applicable to this aqueous mixture.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate PPE (Section 8). Isolate the spill area; keep unauthorized personnel away. Avoid contact with skin and eyes. Ensure adequate ventilation.

Environmental Precautions: Prevent entry into waterways, storm drains, sewers, and soil. Marine users: exercise particular care near Chesapeake Bay and coastal waterways.

Containment & Cleanup: Small spills: absorb with inert dry material. Large spills: dike to contain. Pump to approved waste containers. Wash area with water.

7. HANDLING AND STORAGE

Safe Handling	Avoid contact with eyes, skin, and clothing. Avoid breathing mist or spray. Wash hands thoroughly after handling. Use in well-ventilated areas.
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Storage Conditions	Store at 50-80 degF (10-27 degC). Do not freeze (may cause phase separation). Minimum shelf life: 2 years from manufacture date when stored sealed.
Incompatible Materials	Do NOT mix with bleach (sodium hypochlorite) — may generate toxic chlorine gas. Do not mix with strong acids or oxidizing agents.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in well-ventilated areas. Local exhaust ventilation recommended when applying by spray or in confined spaces. Emergency eyewash and safety shower per ANSI Z358.1.

Component	Standard	TWA Limit	Notes
2-Butoxyethanol (CAS 111-76-2)	ACGIH TLV	20 ppm	Skin notation
2-Butoxyethanol (CAS 111-76-2)	OSHA PEL	50 ppm (240 mg/m ³)	29 CFR 1910.1000 Table Z-1
2-Butoxyethanol (CAS 111-76-2)	NIOSH REL	5 ppm (24 mg/m ³)	More protective; skin notation

Personal Protective Equipment (PPE)

Eye / Face	Chemical splash goggles or safety glasses with side shields. Full face shield recommended for spray application.
Hand	Nitrile or neoprene gloves (min. 0.1 mm). For extended contact, use gloves rated for glycol ether service.
Skin / Body	Chemical-resistant apron or protective clothing for prolonged or large-scale use.
Respiratory	Not required under normal use. If airborne concentrations may exceed OSHA PEL (50 ppm), use NIOSH-approved respirator with OV/P100 cartridges per 29 CFR 1910.134.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Appearance	Clear, homogeneous liquid
Color	Colorless to very pale yellow	Odor	Mild, faintly glycol-like
pH	6.9 (neutral; mildly buffered)	Melting / Freezing Point	-9 degC (16 degF)
Boiling Point	~98 degC (208 degF) at 1 atm	Flash Point	None detected for mixture
Vapor Pressure	20.7 mm Hg at 25 degC	Specific Gravity	1.011
Solubility in Water	Complete — miscible in all proportions	Viscosity	Low (near water-like)

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions. No known reactivity hazards.
Chemical Stability	Stable. Will not polymerize.
Conditions to Avoid	Extreme heat (>49 degC / 120 degF), prolonged direct sunlight, freezing.
Incompatible Materials	Strong oxidizing agents (chlorine bleach) — may generate toxic chlorine gas; NEVER mix. Strong acids — may cause exothermic reaction.



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Hazardous Decomposition	Under fire or extreme heat: CO, CO ₂ , and trace organic vapors from glycol ether component.
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11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Not classified. Estimated mixture LD50 >3,000 mg/kg.
Skin Irritation	Category 2 — Causes skin irritation. Prolonged contact may cause dryness or dermatitis.
Eye Irritation	Category 2A — Causes serious eye irritation. Corneal damage not expected with prompt rinsing.
Sensitization	Not classified. No known sensitizing components.
Carcinogenicity	Not classified. 2-Butoxyethanol: IARC Group 3. No OSHA/NTP/IARC Group 1 or 2A carcinogens.
Reproductive Toxicity	Not classified.

Key Component Toxicological Data

Component	Route / Endpoint	Value
2-Butoxyethanol (CAS 111-76-2)	LD50 Oral (Rat)	470 mg/kg
2-Butoxyethanol (CAS 111-76-2)	LD50 Dermal (Rabbit)	220 mg/kg
2-Butoxyethanol (CAS 111-76-2)	LC50 Inhalation (Rat 4h)	450 ppm
Disodium EDTA (CAS 139-33-3)	LD50 Oral (Rat)	2,000 mg/kg
Water (CAS 7732-18-5)	LD50 Oral (Rat)	>90 mL/kg

Values are for pure individual components, NOT the mixture. At formulated concentrations (10-15% EGBE in >80% water), mixture LD50 is estimated at >3,000 mg/kg.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Component	Endpoint	Value	Species / Condition
2-Butoxyethanol (CAS 111-76-2)	LC50 (fish) 96h	1,490-2,950 mg/L	Lepomis macrochirus
2-Butoxyethanol (CAS 111-76-2)	EC50 (Daphnia) 48h	>1,000 mg/L	Daphnia magna
Disodium EDTA (CAS 139-33-3)	LC50 (fish) 96h	320 mg/L	Poecilia reticulata
Sodium Bicarbonate (144-55-8)	LC50 (fish) 96h	8,250-9,000 mg/L	Lepomis macrochirus

Persistence / Degradability	2-Butoxyethanol: readily biodegradable (BOD5/COD >0.6). Disodium EDTA: may persist — avoid large-volume discharge.
Bioaccumulative Potential	2-Butoxyethanol: Log Pow = 0.81 — low bioaccumulation potential.
Mobility in Soil	Highly mobile in soil due to high water solubility.
Other Adverse Effects	Marine users: exercise special caution near Chesapeake Bay, coastal estuaries, and sensitive aquatic habitats.

13. DISPOSAL CONSIDERATIONS



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Waste Disposal	Dispose per applicable federal (RCRA), state, and local regulations. Small quantities may be disposed of to a permitted sanitary sewer if allowed. Do not dispose of into storm drains, surface water, or soil.
Contaminated Packaging	Rinse empty containers at least three times before disposal. Rinse water may be disposed of to a permitted sanitary sewer.
Regulatory Waste Classification	Does not meet the EPA definition of a RCRA hazardous waste (40 CFR Part 261).

14. TRANSPORT INFORMATION

DOT (49 CFR — US Domestic)	NOT REGULATED as a hazardous material. Mixture is >80% water.
IATA (Air Transport)	Not restricted as a dangerous good for air transport.
IMDG (Marine Transport)	Not classified as a marine pollutant under IMDG.
UN Number	None assigned — not regulated
Packing Group	Not applicable
Special Precautions	Keep containers upright and sealed. Protect from freezing and extreme heat.



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15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory: All disclosed components are listed — 2-Butoxyethanol (CAS 111-76-2), Water (CAS 7732-18-5), Disodium EDTA (CAS 139-33-3), Cellulose 2-hydroxyethyl ether (CAS 9004-62-0), Sodium bicarbonate (CAS 144-55-8), Sodium percarbonate (CAS 4452-58-8).

SARA 311/312: Immediate Health Hazard (Irritant). SARA 313: 2-Butoxyethanol (CAS 111-76-2) is a TRI reportable chemical.

OSHA HazCom Standard: This SDS complies with 29 CFR 1910.1200 (HazCom 2012 / GHS).

U.S. State Regulations

California Prop 65: 2-Butoxyethanol is NOT listed. Massachusetts RTK, New Jersey RTKHSL, Pennsylvania RTK: 2-Butoxyethanol (CAS 111-76-2) — Listed.

16. OTHER INFORMATION

Full Text of GHS Hazard Codes

Code	Classification	Statement
H227	Flam. Liq. 4	Combustible liquid (component 2-Butoxyethanol only; mixture is non-flammable)
H302	Acute Tox. 4 (Oral)	Harmful if swallowed (component only)
H311	Acute Tox. 3 (Dermal)	Toxic in contact with skin (component only)
H315	Skin Irrit. 2	Causes skin irritation (MIXTURE classification)
H319	Eye Irrit. 2A	Causes serious eye irritation (MIXTURE classification)

NFPA 704 Hazard Rating

Health:	1	Flammability:	0
Instability:	0	Special:	—

HMIS Rating

Health:	1	Flammability:	0
Physical Hazard:	0	PPE:	B

Document Information

Prepared By	MAD SOAPS Inc. — Marketing & Compliance
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This Safety Data Sheet is prepared in accordance with OSHA HazCom 2012 (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Revision 7. The information provided is based on current knowledge and is intended to describe this product solely for health, safety, and environmental compliance purposes. MAD SOAPS Inc. shall not be liable for any damage resulting from use contrary to the instructions contained herein or from abnormal application of this product.