



MAD SOAPS

SAFETY DATA SHEET

All Purpose (Swab Down)

1. IDENTIFICATION

Product Identifier	All Purpose Marine Cleaner (Swab Down)
Product Code / SKU	MAD-ALP-041
Recommended Use	Biodegradable marine surface cleaner for all boat surfaces: vinyl, fiberglass, gelcoat, painted surfaces, upholstery, canvas, and rubber trim. Professional and consumer marine maintenance.
Restrictions on Use	Keep away from ignition sources (flammable). Not for food-contact surfaces or internal use.

Supplier / Distributor

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

Emergency Contact

24-Hour Chemical Emergency	CHEMTREC: 1-800-424-9300 (USA / Canada)
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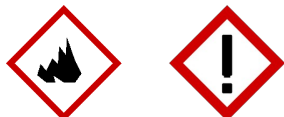
2. HAZARD(S) IDENTIFICATION

Classification

GHS: Flammable Liquid — Category 3; Skin Corrosion / Irritation — Category 2; Eye Irritation — Category 2A.

Label Elements

Pictograms



Signal Word: **WARNING**

Hazard Statements

H226 — Flammable liquid and vapor.

H315 — Causes skin irritation.

H319 — Causes serious eye irritation.

Precautionary Statements — Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed. Use non-sparking tools. Wear protective gloves, eye protection, and face protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Keep out of reach of children.

Precautionary Statements — Response

IF ON SKIN OR HAIR: Remove contaminated clothing immediately. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Get medical attention if irritation persists. IF INHALED: Remove to fresh air. Get medical attention if symptoms occur. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting (aspiration hazard). Call POISON CENTER: 1-800-222-1222 or doctor. IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam.

Precautionary Statements — Storage

Store in a cool, well-ventilated place away from heat and ignition sources. Keep container tightly closed. Keep out of reach of children.

Precautionary Statements — Disposal

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS No.	Concentration
D-Limonene	Citrus terpene solvent; (R)-(+)-Limonene; Citrus terpenes	5989-27-5	1 – 5%
Proprietary surfactant blend (withheld — Trade Secret 29 CFR 1910.1200(i))	Anionic/nonionic blend; biodegradable. Hazard information disclosed in this SDS.	Withheld	5 – 10%
Water	Aqua	7732-18-5	Remainder

Concentrations are percent by weight. Proprietary surfactant blend withheld as a trade secret per 29 CFR 1910.1200(i). Hazard information for all components disclosed in this SDS. No SARA Sec. 313 reportable chemicals above threshold quantities. No carcinogens (OSHA, NTP, or IARC) present in this product.

4. FIRST-AID MEASURES

Eye Contact	Flush with plenty of water for at least 15–20 minutes. Remove contact lenses if present. Continue rinsing. Get medical attention if redness or pain persists.
Skin Contact	Wash with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. D-limonene may cause sensitization with repeated prolonged contact. Get medical attention if rash develops.
Inhalation	Remove to fresh air. D-limonene vapors at elevated concentrations may cause dizziness or headache. Get medical attention if symptoms persist.
Ingestion	Rinse mouth. Do NOT induce vomiting — aspiration of terpene solvents can cause chemical pneumonitis. Give 1–2 glasses of water if conscious. Call POISON CENTER (1-800-222-1222) or doctor immediately.
Most Important Symptoms	Eye and skin irritation; skin sensitization from repeated d-limonene exposure; dizziness or headache at high vapor concentrations.
Indication of Medical Attention	If ingested, monitor for aspiration pneumonitis. Treat symptomatically. Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, carbon dioxide (CO ₂), foam, or water fog.
Unsuitable Extinguishing Media	Direct water stream — may spread burning liquid.
Specific Hazards	FLAMMABLE — flash point 120°F (49°C). Vapors may travel to ignition source and flash back. Flammable range: LEL 0.7% to UEL 6.1%. Containers may rupture under heat.
Special PPE for Firefighters	Full structural fire-fighting protective clothing. SCBA in enclosed spaces.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate ALL ignition sources immediately. Use appropriate PPE (see Section 8). Ensure adequate ventilation. Avoid breathing vapors. Keep upwind.

Environmental Precautions: Prevent entry into waterways, sewers, basements, or confined areas. D-limonene is moderately toxic to aquatic organisms. Do not contaminate water sources or sewers.

Containment & Cleanup: Remove all ignition sources. Absorb with dry sand or inert absorbent (avoid combustible absorbents). Collect into labeled, sealed container. Flush residue area with water. Do not flush to storm drains.

7. HANDLING AND STORAGE

Safe Handling: FLAMMABLE — keep away from heat, sparks, static discharge, and open flames (flash point 120°F / 49°C). Use non-sparking tools and explosion-proof equipment in enclosed spaces. Avoid contact with eyes, skin, and clothing. Avoid prolonged skin contact (d-limonene is a skin sensitizer). Wash hands thoroughly after handling. Do not eat,

drink, or smoke when using.

Safe Storage: Store in a cool, well-ventilated place away from heat and ignition sources. Do not store above 100°F (38°C). Keep container tightly closed. Comply with NFPA 30 for bulk storage. Keep out of reach of children.

Incompatible Storage: Strong oxidizers; strong acids; strong bases; reactive metals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

Component	OSHA PEL (TWA)	ACGIH TLV (TWA)
D-Limonene (CAS 5989-27-5)	No OSHA PEL established.	No TLV established. Potential skin sensitizer; minimize skin contact.

Engineering Controls: Use local exhaust ventilation as needed. Ensure explosion-proof ventilation near ignition sources in enclosed spaces. Provide eyewash station and safety shower in the work area.

Personal Protective Equipment (PPE)

Eye / Face: ANSI Z87.1 safety glasses with side shields; chemical splash goggles for spray use.

Hand: Chemical-resistant gloves (nitrile ≥4 mil). Avoid prolonged skin contact.

Skin / Body: Long-sleeved clothing recommended.

Respiratory: Not normally required for outdoor use. For sustained indoor use: NIOSH-approved organic vapor/P100 respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odor	Clear liquid, pleasant citrus odor
Color	Clear / colorless
pH	8.5 (mildly alkaline as supplied)
Specific Gravity	0.95
Boiling Point	>212°F (>100°C)
Flash Point	120°F (49°C) — FLAMMABLE LIQUID (Category 3)
Flammable Range	LEL: 0.7% / UEL: 6.1% (by volume in air)
Vapor Density (air=1)	<1
Viscosity	~10 cps
Solubility in Water	Miscible

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under normal use conditions.
Chemical Stability	Stable under normal storage and use conditions.
Possibility of Hazardous Reactions	None expected under normal use.
Conditions to Avoid	Heat above flash point (120°F/49°C); open flames; sparks; static discharge; strong oxidizers.
Incompatible Materials	Strong oxidizers; strong acids; strong bases; reactive metals.
Hazardous Decomposition Products	CO, CO ₂ , and terpene oxidation products on combustion.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Inhalation, eye contact, skin contact, ingestion.

Skin Corrosion / Irritation: Causes skin irritation. D-limonene may cause sensitization with repeated or prolonged contact.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Sensitization: D-limonene is classified as a skin sensitizer (ECHA REACH). Repeated or prolonged contact may cause allergic skin reaction in susceptible individuals.

Carcinogenicity: Not classified by IARC, NTP, or OSHA.

Reproductive Toxicity: Not classified.

STOT (Single Exposure): May cause dizziness or headache at high vapor concentrations.

Aspiration Hazard: Do NOT induce vomiting if swallowed — terpene solvents pose aspiration risk.

Acute Toxicity Data: Detailed LD50/LC50 data on individual components available on request from MAD SOAPS Inc.

12. ECOLOGICAL INFORMATION

Ecotoxicity	D-limonene is moderately toxic to aquatic organisms (LC50 fish ~0.7 mg/L). Product at diluted use concentrations presents minimal aquatic risk. Do not discharge concentrated product to surface water. Surfactant blend is readily biodegradable.
Persistence / Degradability	D-limonene readily biodegradable (>60% in 28 days). Surfactant blend is readily biodegradable. Low environmental impact formulation.
Bioaccumulative Potential	Low. D-limonene is rapidly metabolized. No PBT/vPvB components.
Mobility in Soil	Moderate (d-limonene). Surfactants are water-soluble.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of contents and container in accordance with all applicable federal, state, and local regulations. Do not pour down drain or into waterways.

Contaminated Packaging: Empty containers retain product residue. Triple-rinse before recycling or disposal per local regulations. Do not puncture or incinerate container.

14. TRANSPORT INFORMATION

DOT (US)	UN 1993, Combustible liquid, n.o.s. (d-limonene), Class 3, PG III. Limited quantity exemptions may apply per 49 CFR 173.150(f).
IATA / IMDG	Class 3, PG III; IMDG EmS: F-E, S-E. Marine pollutant: No.

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA: All ingredients are listed on the TSCA Chemical Substance Inventory or are exempt.

SARA 313 (TRI): No SARA 313 reportable chemicals above threshold quantities in this product.

SARA 311/312 Hazard Categories: Acute Health Hazard; Fire Hazard.

State Right-to-Know

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm at reportable levels.

Trade Secret Claim: Proprietary surfactant blend identity withheld per 29 CFR 1910.1200(i). Hazard information fully disclosed. Identity released to health professionals per 29 CFR 1910.1200(i)(3) upon request.

16. OTHER INFORMATION

NFPA 704 Hazard Rating

Health: 1 Flammability: 2 Instability: 0 Special: — | Rating scale: 0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe.

HMIS Rating — Health: 1 Flammability: 2 Physical Hazard: 0 PPE: B

Revision History

Issue Date	June 22, 2026
Version	1.0
Prepared By	MAD SOAPS Inc.

Disclaimer

The information in this Safety Data Sheet is based on data believed to be accurate at the date of preparation. MAD SOAPS Inc. makes no warranty, express or implied, regarding the accuracy or completeness of this information. This SDS is intended as a guide for the safe handling of the product by a properly trained user. The user is responsible for determining the suitability of this product for any particular application and for compliance with all applicable laws and regulations. MAD SOAPS Inc. assumes no liability for any loss or injury arising from use of this information.