

MATERIAL SAFETY DATA SHEET
MOLECULE™ SPOT CLEANER™
For Technical Fabrics
Revision Date: 1/08/07

Section I - Product Identification

Product name: **Molecule™ Spot Cleaner™ For Technical Fabrics**
Produced by:
Molecule Labs, Inc. 5458 Gateway Plaza Dr. Benicia, CA 94510
707-746-1062

Section II - Components

If present, IARC, NTP and OSHA carcinogens and chemical subject to the reporting requirements of SARA title III Section 313 are identified in this Section.

Ingredient	CAS#	% (BY VOL)	OSHA PEL	ACGIH TLV
Ethoxylated Alcohol/ Quaternary Amine	Proprietary	11	n/a	n/a
Dipropylene Glycol n-butyl Ether	29911-28-2	5	n/a	n/a
Monoethanolamine	141-43-5	5	n/a	3 ppm
Nonionic Surfactant	68131-39-5	<2%	n/a	n/a
Tetrasodium EDTA	64-02-8	<2%	Not Regulated	Not Established
Citric Acid	77-92-9	1	n/a	Not Established
Proprietary Fragrance	n/a	<1%	n/a	n/a
Deionized Water	7732-18-5		n/a	Not Established

Section III - Hazard Identification

Chronic Effects of Overexposure:			
Inhalation: May irritate nasal passages.	Eye Contact: May cause severe eye irritation.	Skin Contact: N/D	Ingestion: May irritate throat and mouth.
Acute Effects of Overexposure:			
Inhalation: Excessive exposure may cause respiratory irritation.		Eye Contact: May cause severe eye irritation.	
Skin Contact: May cause skin irritation.		Ingestion: May be harmful if swallowed.	

Section IV - First Aid Procedures

If Swallowed:	Do not induce vomiting. If patient is fully conscious, give water to dilute substance. Call a physician or local poison control center immediately. Do not give anything by mouth to an unconscious person. Loosen any tight clothing.
Skin Contact:	Flush thoroughly with water for 15 minutes. Get medical attention if irritation persists.
If Inhaled:	Move to fresh air. Get medical attention if irritation persists.
Eyes:	Flush thoroughly with water for 15 minutes. Get medical attention if irritation persists.

Section V - Fire Fighting Measures

Flash Point:	No flash point until 200°F
Extinguishing Agents:	Use water, carbon dioxide, dry powder extinguisher, carbon dioxide, halon or other media appropriate for materials actually involved in fire.

Auto-ignition Temp: Hazardous	None up to 100° C
Decomposition Products:	Exposure to fire may liberate carbon dioxide, carbon monoxide, halogenated compounds and hydrogen chloride.
Explosion Data:	Sensitivity to Impact/Static discharge - None

Section VI - Accidental Release Measures

Procedure for Cleanup:	Prevent further spill of material. Dilute with water and soak up with an absorbent such as clay, sand or other suitable material and dispose of properly. Flush area with water to remove residue. Prevent from entering soils, waterways or groundwater.
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Section VII - Precautions For Safe Handling

Handling and Storage Precautions:	Store in a cool, well ventilated place away from incompatible materials and wash hands thoroughly after handling.
Special Shipping Information:	Non Hazardous

Section VIII - Control And Protective Measures

Ventilation:	Provide sufficient ventilation. A respirator is not required unless workplace exposure limits of the product are exceeded.
Protective Gloves:	Avoid skin contact. Wear NBR or rubber gloves for extended or repeated skin contact.
Eye Protection:	Avoid eye contact. Wear safety glasses while handling concentrate.
Footwear and Clothing:	Standard work shoes and clothing.
Other:	Do not ingest product. No other special protective measures required.

Section IX - Physical/Chemical Characteristics

Form/Color:	Liquid/Light Amber	Boiling point: 100° C	
Specific Gravity (Water = 1):	1.00	Vapor Pressure: No Data	
Evaporation rate (Water = 1):	No Data	pH: 9.0 – 10.0	
Odor:	Mild		

Section X - Reactivity Hazard Data

Stability: Yes	Incompatibility: Avoid strong oxidizing materials, acids or alkalis.	Reactivity, and Under What Conditions: None known
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Section XI - Toxicological Information

Teratogenicity:	No Data	Short Term Exposure limits: No Data
Irritancy of Product:	May cause skin, eye, mouth and throat irritation.	Sensitization to Product: None known.
Reproductive Toxicity:	No Data	Carcinogenicity: No Data
Mutagenicity:	No Data	

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