

MATERIAL SAFETY DATA SHEET

MOLECULE™ PROTECTOR™

For Technical Fabrics

Revision Date: 1/08/07

Section I - Product Identification

Product name:

Molecule™ Protector™ 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 chemicals subject to the reporting requirements of SARA title III Section 313 are identified in this section.

Ingredient	CAS#	% (BY VOL)	OSHA PEL	ACGIH TLV
Proprietary Fluorochemical Blend	n/a	10	n/a	n/a
Isopropyl Alcohol	67-63-0	<3%	400 ppm	400 ppm
Citric Acid	77-92-9	<1%	n/a	Not Established
Deionized Water	7732-18-5		n/a	Not Established

Section III - Hazards Identification

Chronic Effects of Overexposure:			
Inhalation: N/D	Eye Contact: N/D	Skin Contact: N/D	Ingestion: N/D
Acute Effects of Overexposure:			
Inhalation: Short term inhalation is not likely to cause harmful effects. Breathing large amounts may be harmful.	Eye Contact: Overexposure may cause eye irritation.		
Skin Contact: Overexposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin or cause a mild allergic reaction.	Ingestion: Single dose oral toxicity is low. Swallowing large amounts may be harmful.		

Section IV - First Aid Procedures

If Swallowed:	If patient is fully conscious, give 8-16 ounces of water to dilute substance. Call a physician or local poison control center immediately. Do not give anything by mouth to an unconscious person.
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
Extinguishing Agents:	Use water spray, foam, or dry chemical powder of carbon dioxide.
Auto-ignition Temp:	None up to 100° C
Hazardous Decomposition Products:	Carbon dioxide and/or carbon monoxide. Toxic products such as HF and other perfluorinated organic compounds may be formed at high temperatures above 200 Centigrade or when burned.
Explosion Data:	Sensitivity to impact/static discharge - None

Section VI - Accidental Release Measures

Procedure for Cleanup:	Prevent further spill of material. Soak up with an absorbent such as clay, sand or other suitable material and dispose of properly. Flush area with water to remove residue.
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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. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.
Special Shipping Information:	Non-hazardous.

Section VIII - Control And Protective Measures

Ventilation:	Normal room ventilation is satisfactory. A respirator is not normally required.
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.
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/opaque	Boiling Point: 212° F
Specific Gravity (water = 1):	1.00	Vapor Pressure: No Data
Evaporation Rate (Water = 1):	1	pH: 3.0 – 4.0
Odor:	Mild	

Section X - Reactivity Hazard Data

Stability: Stable	Incompatibility: Avoid strong oxidizing materials	Reactivity, and Under What Conditions: None known
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Section XI - Toxicological Information

Teratogenicity:	No Data	Exposure Limits: No Data
Irritancy of Product:	May cause skin and eye irritation.	Sensitization to Product: No Data
Reproductive Toxicity:	No Data	Carcinogenicity: No Data
Mutagenicity:	No Data	

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