

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET

ECO LIFT / 2420

NOVEMBER 2009

PAGE 1

HEALTH	0
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Soy/ d-Limonene based degreaser**SECTION 2 – Composition on Ingredients**

COMPONENT	CAS #	WT %	EXPOSURE GUIDELINES		EPA 40 CFR		
			OSHA PEL	ACGIH TLV	302	355	372
d-Limonene	5989-27-5	1.00-10.0	N/E	N/E	Y	N	N

SECTION 3 – Hazards Information**ROUTES OF ENTRY:** Ingestion, eye & skin.**EFFECTS OF OVEREXPOSURE:**

- EYE CONTACT:** Moderate to severe irritation, redness, tearing.
SKIN CONTACT: Mild to moderate irritation, defatting with prolonged or repeated exposure. Contains a possible sensitizer.
INHALATION: Irritation of the respiratory tract.
INGESTION: Gastrointestinal irritation, nausea, vomiting, diarrhea.

INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN**CARCINOGENS:** None**SECTION 4 – First Aid Measures**

- EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
SKIN CONTACT: Remove contaminated clothing and laundry separately before reuse. Wash with soap and water. If irritation persists, obtain medical attention.
INHALATION: Remove person to fresh air. If irritation persists, obtain medical attention.
INGESTION: Contact physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.

SECTION 5 – Fire Fighting Measures

- FLASH POINT:** >210°F **METHOD:** Closed Cup
FLAMMABLE LIMITS IN AIR, BY % VOLUME: **UPPER:** N/D **LOWER:** N/D
EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Treat as an oil fire. Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustions. This product contains antioxidants to retard oxidation.

SECTION 6 – Accidental Release Measures**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Keep out of reach of children.**SECTION 8 – Exposure Controls/Personal Protection**

- VENTILATION:** Local: Recommended, Mechanical: Not required.
EYE PROTECTION: Safety glasses or chemical goggles.
PROTECTIVE GLOVES: Chemical resistant gloves.
RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists.
OTHER PROTECTIVE EQUIPMENT: Protective clothing, eyewash station.

SECTION 9 – Physical and Chemical Properties

BOILING POINT (°F):	N/D	SPECIFIC GRAVITY (Water=1):	0.88
VAPOR PRESSURE (mmHg):	N/D	VOC CONTENT (% by weight):	5.00-15.0
VAPOR DENSITY (AIR=1):	N/D	EVAPORATION RATE (Water=1):	N/D
SOLUBILITY IN WATER:	Negligible	pH:	N/A
APPEARANCE AND ODOR:	Clear, green liquid; citrus fragrance		

SECTION 10 – Stability and Reactivity

- STABILITY:** Stable.
INCOMPATIBILITY: Strong oxidizing and acidic agents.
CONDITIONS TO AVOID: Excess heat and open flame.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

SECTION 11 – Toxicological InformationLD₅₀: N/D LC₅₀: N/D Please refer to Section 3 for available information on potential health effects.**SECTION 12 – Ecological Information**

No specific data is available for this product.

SECTION 13 – Disposal Consideration

Consult Local environmental authorities.

SECTION 14 – Transport Information

- DOT PROPER SHIPPING NAME:** None
DOT CLASS: None **DOT ID NUMBER:** None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

SECTION 15 – Regulatory Information

No data.

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SECTION 16 – Other Information**HAZARDS RATINGS**

	NFPA	KEY
HEALTH	0	4 = Severe
FLAMMABILITY	1	3 = Serious
REACTIVITY	0	2 = Moderate
OTHER	B	1 = Slight 0 = Minimal

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstract Service

C = Ceiling

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

NFPA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minute exposure)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 hour exposure)

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III I List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III I List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

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