

**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**  
**CLEAN & SHINE / 2234**  
**OCTOBER 2009**  
**PAGE 1**

HEALTH	1
FIRE	2
REACTIVITY	0
P.P.E.	

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

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL FAMILY:** Pre-moistened Cleaning Towels

**SECTION 2 – Composition on Ingredients**

Values reported as TWA unless noted.

COMPONENT	CAS #	WT %	EXPOSURE GUIDELINES		EPA 40 CFR:		
			OSHA PEL	ACGIH TLV	302	355	372
d-Limonene	5989-27-5	25.0-35.0	N/E	N/E	Y	N	N
Hydrotreated Light Distillate	64742-47-8	35.0-45.0	N/E	N/E	N	N	N

**SECTION 3 – Hazards Information****EFFECTS OF OVEREXPOSURE:**

**ROUTES OF ENTRY:** Eye and skin.  
**EYE CONTACT:** Moderate to severe irritation and redness.  
**SKIN CONTACT:** Redness, dryness and irritation with prolonged or repeated exposure. Contains a possible sensitizer.  
**INHALATION:** No hazard under normal use.  
**INGESTION:** Not expected to be a route of exposure. Has the potential to be harmful or fatal if liquid is swallowed. Can enter lungs and cause damage.

**INGREDIENTS THAT ARE CONSIDERED 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:** Wash with soap and water. If irritation persists, obtain medical attention.  
**INHALATION:** Remove person to fresh air.  
**INGESTION:** Contact physician or poison control center immediately. Rinse mouth with water. Do not induce vomiting. Never give anything to an unconscious person.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** 150°F\* **METHOD:** Closed Cup **AUTOIGNITION TEMPERATURE:** N/A  
**FLAMMABLE LIMITS IN AIR (VOLUME %):** **UPPER:** N/E **LOWER:** N/E  
**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** 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:** None  
\*Tested using the liquid component of the towelette

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Remove all sources of ignition. Soak up material with inert absorbent material and place in a labeled closed container for 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**

**ENGINEERING CONTROLS:** N/D  
**PERSONAL PROTECTIVE EQUIPMENT:**  
**EYES:** Safety Glasses.  
**SKIN:** Chemical resistant gloves.  
**VENTILATION:** **LOCAL:** Recommended **MECHANICAL:** Not required  
**RESPIRATORY PROTECTION:** Use with adequate ventilation.  
**OTHER PROTECTIVE EQUIPMENT:** None

**SECTION 9 – Physical and Chemical Properties**

**BOILING POINT:** N/D **SPECIFIC GRAVITY (Water=1):** 0.82  
**VAPOR PRESSURE (mmHg):** N/D **VOC CONTENT (% by weight):** 25.0-30.0  
**VAPOR DENSITY (AIR=1):** N/D **EVAPORATION RATE (Water=1):** >1.0\*  
**SOLUBILITY IN WATER:** Insoluble\* **pH:** N/A  
**APPEARANCE AND ODOR:** Purple cloth impregnated with a clear, yellow liquid; citrus scent.  
\*Tested using the liquid component of the towelette.

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable.  
**INCOMPATIBILITY:** Oxidizers.  
**CONDITIONS TO AVOID:** Excess heat and open flame.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS DECOMPOSITION MATERIAL:** Thermal decomposition may produce oxides of carbon.

**SECTION 11 – Toxicological Information**

**LD<sub>50</sub>:** N/D **LC<sub>50</sub>:** 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**

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

**SECTION 14 – Transportation Information**

**D.O.T. PROPER SHIPPING NAME:** None  
**D.O.T. CLASS:** None  
**D.O.T. ID NUMBER:** None  
**D.O.T. 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.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
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**SECTION 15 – Regulatory Information**

**TSCA INVENTORY STATUS:** Components of this product are on the TSCA inventory.  
**CERCLA (40 CFR 302.4):** None of the components of this product are listed.  
**SARA 313 COMPONENTS (40 CFR 372):** None of the components of this product are listed.

**SECTION 16 – Other Information**

	HAZARDS RATINGS	
	NFPA	KEY
HEALTH	1	4 = Severe
FLAMMABILITY	2	3 = Serious
REACTIVITY	0	2 = Moderate
OTHER	None	1 = Slight 0 = Minimal

**MSDS LEGEND:**

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstract Service

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)

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