

**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****CITRON (TUBES) / 2178****JULY 2008****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:** Waterless Hand Cleaner Gel**SECTION 2 – Composition on Ingredients**

COMPONENTS (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED	% (Opt.)
Water	7732-18-5	None	None		30-60%
Isoparaffinic Hydrocarbon	64742-47-8	None	None		15-40%
D-Limonene					
(R-p-mentha-1,8-diene)	5989-27-5	None	None	30 ppm (Manu.)	5-10%
Mineral Oil (mist)	8042-47-5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>		5-10%
Oleic Acid	61790-12-3	None	None		5-10%
Ethoxylated Alcohols (C12-15 Pareth-7)	68131-39-5	None	None		5-10%
Pumice (dust)	1332-09-8	15 mppcf	None		5-10%
Triethanolamine	102-71-6	None	5 mg/m <sup>3</sup>		1-5%
Propylene Glycol	57-55-6	None	None		1-5%
Cocoamide DEA	68603-42-9	None	None		1-5%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

**SECTION 3 – Hazards Information****ROUTE(S) OF ENTRY:** EYES? YES INHALATION? NO SKIN? NO INGESTION? YES**ACUTE HEALTH HAZARDS:** Caution: May cause eye or skin irritation. May be harmful if swallowed. Ingestion may irritate gastrointestinal tract or cause central nervous system effects.**CHRONIC HEALTH HAZARDS:** None known**CARCINOGENICITY:**

OSHA: NO ACGIH: NO NTP: NO IARC: NO

**SIGNS AND SYMPTOMS OF EXPOSURE:** Redness, tearing, burning in eyes. Redness, burning, drying or cracking of skin. Irritation of throat or stomach, followed by diarrhea. Drowsiness, dizziness, loss of coordination.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing skin disorders (i.e.-dermatitis).**SECTION 4 – First Aid Measures**

<b>EYES:</b>	Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. If irritation develops, see a physician immediately.
<b>SKIN:</b>	Wipe off or rinse off with water. If irritation develops or persists, see a physician.
<b>INHALATION:</b>	Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
<b>INGESTION:</b>	Rinse out mouth. Drink plenty of water. Do not induce vomiting unless directed to do so by a physician. Call a physician or poison control center immediately.

**SECTION 5 – Fire Fighting Measures****FLASH POINT (METHOD USED):** 195° F (PMCC)**FLAMMABLE LIMITS:** No Data **LEL:** No Data **UEL:** No Data**EXTINGUISHING MEDIA:** Not usually necessary as this product does not readily support combustion. Use carbon dioxide, dry chemical, foam or water fog if required.**SPECIAL FIRE FIGHTING PROCEDURES:** Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.**HAZARDOUS PRODUCTS OF COMBUSTION:** Carbon dioxide and monoxide, hydrogen bromide, nitrous oxides, and ammoniacal compounds.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.**SECTION 6 – Accidental Release Measures****SMALL SPILL:** Wipe up small releases with a dry absorbent cloth or other absorbent material.**LARGE SPILL:** Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.**SECTION 7 – Handling and Storage****HANDLING:** Avoid contact with eyes. Do not swallow. Wash or wipe skin after use.**STORAGE:** Keep from freezing. Store in a cool, dry location. Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Replace lid when not in use or use follow-plate. Do not contaminate water, food, or feed by use or storage.**SECTION 8 – Exposure Controls/Personal Protection****EYE PROTECTION:** Not usually necessary. Only if splattering is possible.**SKIN PROTECTION:** Not necessary**RESPIRATORY PROTECTIONS:** Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.**ENGINEERING CONTROLS:** Ventilation not usually necessary but should be provided in the event of overexposure.**SECTION 9 – Physical and Chemical Properties****APPEARANCE/ODOR:** Opaque light yellow gel with a citrus scent.**PHYSICAL STATE:** Gel**pH:** 7.75 ± 1.0 **SPECIFIC GRAVITY (70°F):** 0.857**BOILING POINT (Concentrate):** > 212°F **MELTING POINT:** No Data**EVAPORATION RATE (Butyl Acetate = 1):** No Data**VAPOR PRESSURE (psig. @ 70°F):** No Data **VAPOR DENSITY (AIR=1):** No Data**SOLUBILITY IN WATER:** Dispersible**VOLATILE ORGANIC COMPOUNDS (voc's):** 68.32 grams per liter or 7.97% by weight VOC's.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

**NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.**

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**SECTION 10 – Stability and Reactivity**

**HAZARDOUS POLYMERIZATION:** This product will not undergo hazardous polymerization.

**HAZARDOUS DECOMPOSITION/BY-PRODUCTS:** Carbon dioxide and monoxide, hydrogen bromide, nitrous oxides, and ammoniacal compounds.

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY (Materials to Avoid):** Strong acids, bases, oxidizers, and selected amines.

**SECTION 11 – Toxicological Information**

No Data

**SECTION 12 – Ecological Information**

No Data

**SECTION 13 – Disposal Consideration**

**DISPOSAL METHOD:** Dispose of in accordance with all applicable local, state, and federal regulations.

**RCRA WASTE INFORMATION:** If this product becomes a waste, it would not be a hazardous waste as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

**SECTION 14 – Transport Information**

**DOT INFORMATION:** 49 CFR 172.101  
**PROPER SHIPPING DESCRIPTION:** Compound, cleaning liquid  
**HAZARD CLASS:** None  
**IDENTIFICATION NUMBER:** None  
**PACKING GROUP:** None

**WATER TRANSPORTATION:**  
**PROPER SHIPPING DESCRIPTION:** Compound, cleaning liquid  
**HAZARD CLASS:** None  
**IDENTIFICATION NUMBER:** None  
**PACKING GROUP:** None

**AIR TRANSPORTATION:**  
**PROPER SHIPPING DESCRIPTION:** Compound, cleaning liquid  
**HAZARD CLASS:** None  
**IDENTIFICATION NUMBER:** None  
**PACKING GROUP:** None

**MARINE POLLUTANTS:** None

**SECTION 15 – Regulatory Information**

**US Federal Regulations:**

**TSCA (Toxic Substances Control Act) Status:** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**CERCLA RQ – 40 CFR 302.4 (a) :** None Listed

**SARA 313 Components – 40 CFR 372.65:** Diethanolamine (CAS 111-42-2) – 0.3%

**State and Local Regulations:**

**California Proposition 65**

None

**SECTION 16 – Other Information**

**WARNING!** The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

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