

**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****LEMON AID / 2163****AUGUST 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****IDENTITY:** Lemon Hand Sanitizer Wipes**SECTION 2 – Composition on Ingredients**

INGREDIENT	CAS #	%
Water	7732-18-5	60-100
Ethyl alcohol	64-17-5	10-30

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**

**WARNING:** Causes eye irritation. May be harmful if swallowed. Deliberate concentration and inhalation of vapors may cause central nervous system effects.

**POTENTIAL HEALTH EFFECTS:**

**EYES:** Causes eye irritation.

**SKIN:** Product is intended for use on the hands. Prolonged skin exposure may cause dermatitis.

**INHALATION:** Overexposure to vapors (unlikely) may cause central nervous system effects.

**INGESTION:** May be harmful if swallowed.

**SIGNS/SYMPTOMS OF EXPOSURE:** redness, tearing or burning in eyes. Redness, burning, drying or cracking of skin. Irritation of the throat or stomach, nausea, vomiting, diarrhea if swallowed. Overexposure to vapors (unlikely) may cause central nervous system effects such as drowsiness, dizziness, fatigue or loss of coordination. Medical conditions generally aggravated by exposure: preexisting skin conditions such as dermatitis or gastrointestinal conditions may be adversely affected by this product. Follow good chemical hygiene practices to avoid complications.

**SECTION 4 – First Aid Measures**

**EYES:** Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

**INGESTION:** Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route. If overexposed move to fresh air. If symptoms develop seek medical attention.

**SKIN:** None usually required. If irritation arises and persists seek medical attention.

**SECTION 5 – Fire Fighting Measures**

**FLASHPOINT (PMCC):** 100° F

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, or fog. Do not use water as it may froth and cause fire to spread.

**SPECIAL FIRE FIGHTING PROCEDURES:** Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.

**HAZARDOUS PRODUCTS OF COMBUSTION:** Carbon monoxide, carbon dioxide, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

**SECTION 6 – Accidental Release Measures**

**SMALL SPILL:** Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

**LARGE SPILL:** Not likely due to type of product. If large spill does occur, absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal. Clean any slippery residues with soap and water.

**SECTION 7 – Handling and Storage**

**HANDLING:** Do not allow towel contact with eyes. Wash thoroughly after handling. Avoid swallowing. Avoid prolonged skin contact. For external use only. Avoid inhaling vapors. Do not smoke while using. Not for use around the mouth or eyes for an extended period of time. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.

**STORAGE:** Keep container closed when not in use. Keep away from heat sources. Store in a cool well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Keep from freezing.

**SECTION 8 – Exposure Controls/Personal Protection**

**ENGINEERING CONTROLS:** Ventilation not usually necessary but should be provided in the event of overexposure.

**EXPOSURE LIMITS:** Ethyl alcohol (CAS# 64-17-5)=1000 ppm OSHA; 1000 ppm ACGIH-TLV; 1000 ppm NIOSH-REL.

**EYE PROTECTION:** None necessary. Do not allow towel to directly contact eyes.

**SKIN PROTECTION:** None necessary. Product is designed for direct skin contact.

**RESPIRATORY PROTECTION:** Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

**SECTION 9 – Physical and Chemical Properties**

<b>BOILING POINT:</b>	190°F	<b>SPECIFIC GRAVITY:</b>	0.970
<b>VAPOR PRESSURE:</b>	No Data	<b>VOC's:</b>	18.5% by weight
<b>VAPOR DENSITY (AIR=1):</b>	> 1	<b>EVAPORATION RATE:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Complete	<b>pH:</b>	6.2 +/- 0.5
<b>APPEARANCE AND ODOR:</b>	Colorless liquid with an alcohol-lemon scent saturated onto towels.		

**SECTION 10 – Stability and Reactivity**

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

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Carbon monoxide, carbon dioxide, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

**CHEMICAL STABILITY:** Stable

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents such as acetyl chloride, nitric acid, and hydrogen peroxide.

**SECTION 11 – Toxicological Information**

Ethyl alcohol, CAS# 64-17-5

Dermal LDLo=20 mg/kg, rat; Oral LD50=7,060 mg/kg, rat; Inhalation LC50=20,000 ppm (10 hr), rat

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. PRO CHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all applicable local, state, and federal regulations. **RCRA WASTE INFORMATION:** If this product becomes a waste, the liquid would be considered a flammable liquid (D001) as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.

**SECTION 14 – Transport Information**

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Danger Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
DOT Information	None	Not Regulated	None	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 exempt from listing.

**CERCLA RQ** –None**SARA 313 Components** – None**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 formed 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) SHALL BE AVAILABLE.

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