

Lemon Cove

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Lemon Cove
Product Use Moisturizing Hand Sanitizer
Product Code 4615
For Medical Emergency Call Chemtrec 1-800-424-9300
Supplier's Information Cleanslate Inc. 1420 East Linden Avenue, Linden NJ 07036

2. HAZARD IDENTIFICATION

GHS Classification. 1. Flammable Liquids – Category 3 **GHS Label Element.**
 2. Serious Eye Damage/Eye Irritation – Category 2A



Signal Word. Warning
Hazard Statement. H226 – Flammable liquid and vapor.
 H319 – Causes serious eye irritation
Precautionary Statements.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground and bond container and receiving equipment.
 P241 - Use explosion-proof (electrical/ventilating/lighting/etc.) equipment.
 P242 - Use non-sparking tools.
 P243 - Take action to prevent static discharges.
 P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.
 P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P363+P353 - IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse.
 P305+P351+P338 - If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321 - Specific treatment, see Section 4 and Section 8 of this SDS.
 P337+P313 - If eye irritation persists: Get medical advice/attention.
 P370+P378 - In case of fire: Use CO2 dry chemical or foam to extinguish.
 P403+P235 - Store in a well-ventilated place. Keep cool.
 P501 - Dispose of contents and/or containers in accordance with all local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS No.	WT. %
Ethyl Alcohol	64-17-5	50-75%

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4. FIRST AID MEASURES

Eye Contact. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Skin Contact. Flush contaminated skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Ingestion. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

5. FIRE FIGHTING MEASURES

Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus, MSHA/NIOSH Approved or equivalent to maintain TLV.

UNUSUAL FIRE & EXPLOSION HAZARD: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances. Dry chemical, carbon dioxide, water spray (fog) or alcohol resistant foam. Do NOT use water jet

Hazardous combustion products: Carbon dioxide, carbon monoxide.

Explosion data: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Flash Point: 73°F

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill. See section 8 for more information. Eliminate all ignition sources (No smoking, flares, sparks, or flames in the immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate area. Prevent further leakage if safe to do so. Prevent product from entering drains, sewers, ditches, or waterways. Soak up with absorbent material and transfer to properly labeled containers for disposal.

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7. HANDLING AND STORAGE

Handling. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing. Do not eat, drink, or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage. Keep containers tightly closed in a dry, cool, well-ventilated place. Store locked up. Keep away from heat, sparks, flame, and other sources of ignition. Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national and local regulations. No known incompatible products.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingredients Name

Ethyl Alcohol

Exposure Limits

OSHA PEL: 1000ppm

ACGIH TLV: 1000ppm

Personal Protective Equipment

Eyes. Safety goggles

Skin. Protective clothing

Ventilation. Mechanical ventilation

Respiratory. Not normally required.

Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Clear liquid, viscous

Color

Clear

Odor

Lemon

pH

7.5-8.0

Flash point

Closed cup: 27°C (80.6°F)

Explosion limits

Not available

Flammability (solid, gas)

Not available

Melting point

Not available

Boiling point

Not available

Evaporation rate (butyl acetate = 1)

Not available

Vapor pressure

Not available

Vapor density

Not available

Relative density

7.5

Solubility

Easily soluble in the following materials: cold water and hot water

Partition coefficient n-octano/water

Not available

Auto-ignition temperature

Not available

Decomposition temperature

Not available

Odor threshold

Not available

Viscosity

Not available

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10. STABILITY AND REACTIVITY

Reactivity. No data available
Chemical stability. Stable under recommended storage conditions.
Possibility of Hazardous Reactions. None under normal processing. Hazardous polymerization does not occur. Avoid heat, flames, and sparks. Not compatible with oxidizing materials. Hazardous decomposition products include carbon oxides.

11. TOXICOLOGICAL INFORMATION

Product/Ingredient Name	Result	Species	Dose
Ethyl Alcohol	LD50 Oral	Rat	7 g/kg
Inhalation	LD50 Oral	Rat, Vapor	124,700 mg/m ³ (4 hours)

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients. Inhalation may cause irritation of the respiratory tract. This product is irritating to the eyes and may cause redness, itching, and pain. Prolonged contact with skin may cause redness and irritation. Ingestion may cause irritation to the mucous membranes and may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

12. ECOLOGICAL INFORMATION

This Product mixture is not known to have any ecological toxicity.

Ethyl Alcohol

Acute Toxicity: EC50 (Crustaceans- Cypris subglobosa) - 1,074mg/L Fresh Water 48 hrs; LC50 (Daphnia- Daphnia magna- neotata) -5680 mg/L Fresh Water 48 hrs; LC50 (Fish- Alburnus alburnus) - 11,000 mg/L Marine Water 96 hrs.

Chronic Toxicity: NOEC (Algae- Ulva pertusa) - 4.995 mg/L Marine Water 96 hrs; NOEC (Daphnia- Daphnia magna- neotata) - 0.1 mg/L Fresh Water 21 days. NOEC (Fish- Gambusia holbrooki - Larvae) - 0.375 µL/L Fresh Water 12 weeks.

13. DISPOSAL CONSIDERATIONS

This material, as supplied is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Dispose of in accordance with local, state and federal regulations. US EPA waste code number: D001

14. TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	UN1170	Ethanol, Solutions	3	III	
Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
IATA Classification	UN1170	Ethanol, Solutions	3	III	
Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
IMDG Classification	UN1170	Ethanol, Solutions	3	III	

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15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA 8(b) inventory. All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances. No listed substance

SARA 302/304 emergency planning and notification. No listed substance

CERCLA: Ethyl alcohol (RQ = 100 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

California Prop 65: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins by the State of California. please go to www.p65warnings.ca.gov

SARA 313	Product Name	CAS Number	Concentration
Form R-Reporting requirements	No listed substance		

16. OTHER INFORMATION

Procedure used to derive the classification:

Flammable Liquids – Category 3: On basis of test data

Serious Eye Damage / Eye Irritation – Category 2A: Calculation method

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To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

***Hazard Determination System (HDS):**

Health	0
Reactivity	0
Flammability	3

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.