



MATERIAL SAFETY DATA SHEET

SECTION I

IDENTIFICATION

Manufacturer: Concord Foods, LLC.
Telephone No. 508-580-1700
Address: 10 Minuteman Way, Brockton, MA 02301
Product Name: Pure Lemon Extract
Item Number: 313G
Formula: This product is a proprietary mixture
Date: October 7, 2015 Rev. 0

SECTION II

COMPOSITION INFORMATION

All flavor ingredients contained in this flavor are approved for use in regulations of the Food and Drug Administration or are listed as being generally recognized as safe on the FEMA GRAS lists.

Non-Flavor Ingredients: Ethyl alcohol

SECTION III HAZARDS IDENTIFICATION AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Yellow liquid
Solubility in water:	Miscible	Odor:	Lemon
Point:	Not established	Percent Volatiles:	Not established
Boiling Point:	Not established	Vapor Pressure:	Not established
Specific Gravity:	0.8040-0.8240	Density:	6.8297 lb/gal

Potential Health Effects:

Inhalation: May cause dizziness.
Eye Contact: May cause irritation.
Skin Contact: May cause irritation.
Skin Absorption: None established.
Ingestion: This is a food product intended for ingestion. Use as directed.

SECTION IV

FIRE AND EXPLOSIVE DATA

Flammability: Flammable
Flash Point: 71°F
Extinguishing Media: Use fog, foam, dry chemical, or carbon dioxide.
Special Firefighting Procedures: Clear fire area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

SECTION V

REACTIVITY DATA

Stability: Stable under normal conditions.
Conditions to avoid: Extreme temperatures.
Incompatibility (Materials to avoid): Avoid oxidizing materials.
Hazardous decomposition or byproducts: Carbon dioxide, carbon monoxide, and unidentified organic compounds may be formed during combustion.
Hazardous polymerization: Will not occur.



SECTION VI HEALTH HAZARD DATA

Inhalation health risks and symptoms of exposure: Exposure may product irritation to the nose, throat, respiratory tract, and other mucous membranes.

Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function

Eye Contact Health Risks and Symptoms of Exposure: Any foreign material in the eye may cause irritation. Product is presumed to be moderately irritating to the eyes. Symptoms of eye irritation include pain, tearing, reddening and swelling.

Skin absorption health Risks and Symptoms of Exposure: Expose may produce skin irritation. Symptoms of skin irritation include reddening, swelling, rash and redness.

Ingestion health risks and symptoms of exposure: This product may be irritating to the gastrointestinal tract if ingested. Ingestion may cause central nervous system depression. Symptoms or gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.

Health Hazards (Acute and Chronic): Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Product is tested to be teratogenic.

Medical conditions generally aggravated by exposure: Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if any symptoms persist. Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital or poison control center and/or transport to an emergency facility immediately. Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Seek prompt medical attention. Remove contaminated clothing and shoes. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs. Do not reuse clothing until thoroughly decontaminated.

SECTION VII PRECAUTIONS FOR SAFE HANDLING USE

Steps to be taken in case material is released or spilled: Large Spills >> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing, Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. Small Spills >> Take up with an absorbent material and place in non-leaking containers; seal tightly for disposal.

Waste Disposal Method: Observe all Federal, State, and local regulations regarding proper disposal.

Precautions to be taken in handling and storing: Keep liquid and vapor away from heat, sparks, and flame. Extinguish pilot lights, cigarettes and turns off other possible sources of ignition prior to use and until vapors are gone. Surfaces that are sufficiently hot may ignite product in the absence of sparks or flame. Vapors may accumulate and travel to ignition sources distant from the handling site. Keep containers closed when not in use. Use with adequate ventilation. Containers, even if empty, can contain explosive vapors. So not cut, drill, grind, or weld near containers.



Other precautions: Eye wash fountains and safety showers should be available for use in an emergency. Containers can contain hazardous product residues even when they are empty. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

SECTION VIII CONTROL MEASURES

Respiratory Protection: Be sure to use proper ventilation and/or a respirator if needed.
Ventilation: Use ventilation as required to control vapor concentrations – at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH-approved respirator.
Protective Gloves: Wear appropriate gloves to prevent skin contact.
Eye Protection: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn.
Other protective clothing or equipment: Wear appropriate clothing to prevent contact with skin and clothing.
Work/Hygienic Practices: Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

SECTION IX TRANSPORT INFORMATION

Un-no. / Name: UN1197 – Extracts, Flavoring, Liquid
IMDG – Classification: 3-UN1197-PGII
IATA – Classification: 3-UN1197-PGII

SECTION X DISCLAIMER

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.