

## Supplier Ingredient Information/ Specifications

**Product ID Number:** LemOil

**Oil of Lemon**

**Effective Date:** 11-01-02

**Revision Date:** 02-14-05

Supercedes: none

**Prepared by:** Ray R. Lochhead, chemist

### Supplier

Cook Flavoring Company

### Contact Name

Raymond R. Lochhead (California)

### Phone Number

(800) 369-3400 (California)

### Ingredient Description

A Light yellow colored liquid having a characteristic flavor and aroma.

### Allergen Statement

None

### Label Declaration

Oil of Lemon, USP

Nutrition Facts			
Serving Size: 100 grams			
Amount per 100 grams			
Calories	0		
Calories from fat	0		
		% Daily Value	
Total Fat	0g		0%
Saturated fat	0g		0%
Cholesterol	0mg		0%
Sodium	0mg		0%
Total			
Carbohydrate	39g		0%
Dietary Fiber	0g		0%
Sugars	0g		
Protein	0g		
Vitamin A	0%	Vitamin C	0%
Calcium	0%	Iron	0%
Thiamin	0%	Riboflavin	0%
Niacin	0%	Folic Acid	0%

% Daily Value (DV) is based on 2,000 calorie diet

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### Physical/Chemical Properties

Color:	Pale Yellow
Taste:	True Lemon (free from foreign tastes)
Odor:	True Lemon (free from foreign odors)
Optical Rotation:	+57 to +65.6
Refractive Index:	1.4730 to 1.4760 @ 20 Deg C
Specific Gravity	0.8490 to 0.8550 @ 20 Deg C
Flash Point	115°F

### Microbiological

Standard Plate Count	<100
Yeast	Negative
Mold	Negative
E. Coli	Negative
Salmonella	Negative
Staphylococcus	Negative
Listeria	Negative

### Packaging

4 X 1 polyethylene gallon (3.78 liters) jugs or 55 gallon (208 liters) polyethylene drums.

### Shipping and Storage

Store in tight glass, aluminum, or double lined containers in a cool area away from direct heat. Product shall be kept in compliance with 21CFR110.93. Specified temperature and humidity should be maintained throughout shelf life of product. Product to be kept in well ventilated areas free from odors. All transportation used to ship product is to be clean, dry and free of any conditions which could contribute to the contamination of food products and thereby cause product loss.

### Shelf Life

12 months or longer if stored under proper conditions.

### Freshness Requirement

This product shall be less than 25% of its shelf life when shipped.

### Regulatory Approval

This product is manufactured in accordance to all FDA requirements promulgated in CFR 21 and meets all federal and state regulations for food products including proposition 65.