

Freshly Zested Lemon Fragrance Oil

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Freshly Zested Lemon Fragrance Oil Relevant

1.2 identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the supplier of the safety data sheet

Candora Soap Inc.
85 Midpark Rd. Unit 6
London, On. N6N1B2
519-685-3111
www.candorasoap.ca

1.4 Emergency telephone number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

Flammable Liquids, Category 4	H227: Combustible liquid.
Acute Toxicity Oral, Category 4	H302: Harmful if swallowed.
Aspiration Hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction.
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled.
Aquatic Chronic Toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	12 : Causes 15 : May cause.
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs.
Sensitization/Allergic Response	31 : May cause allergic skin reaction. 32 : May cause light-induced allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, gastrointestinal tract, respiratory tract. 28 : Prolonged or repeated dermal exposure may cause damage to: kidneys, skin.
Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Freshly Zested Lemon Fragrance Oil

Page 2 of 7
2016-03-10

Hazard pictograms

**Signal Word: Danger**

Hazard Statements

H227	Combustible liquid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H333	May be harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P235	Keep cool.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

Response:

P301 + P310 + P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with soap and water.
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: Use carbon dioxide (CO ₂), dry chemical, or foam for extinguishing. Do not use a direct water jet on burning material.
P391	Collect spillage.

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

Freshly Zested Lemon Fragrance Oil

Page 3 of 7
2016-03-10

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	50 - 60 %	H302; H313; H400; H411	28, 3
68917-33-9 <i>Lemon oil terpenes</i>	284-515-8	10 - 20 %	H226; H304; H315; H400; H410	12, 3, 31
5392-40-5 <i>Citral</i>	226-394-6	5 - 10 %	H313; H315; H317; H319; H401	26
8008-56-8 <i>Citrus medica limonum (Lemon) peel oil</i>	284-515-8	2 - 5 %	H226; H304; H315; H400; H410	12, 3, 31, 32
1222-05-5 <i>Hexamethylindanopyran</i>	214-946-9	2 - 5 %	H316; H400; H410	11, 15
68647-72-3 <i>Citrus aurantium var. dulcis</i>	232-433-8	2 - 5 %	H226; H304; H315; H317; H400; H410	12, 3, 31
8016-20-4 <i>Citrus grandis peel oil</i>	289-904-6	2 - 5 %	H226; H304; H315; H317; H400; H410	12, 3, 31
31906-04-4 <i>Hydroxyisohexyl 3-cyclohexene carboxaldehyde</i>	250-863-4	1 - 2 %	H317; H402	
80-54-6 <i>Butylphenyl Methylpropional</i>	201-289-8	0.1 - 1.0 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 24.97

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Eye Exposure:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No data available.
Risks:	Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	Refer to Section 2.2 "Response"
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5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO ₂), dry chemical, foam.
Unsuitable	Do not use a direct water jet on burning material.

5.2 Special hazards arising from the substance or mixture

Freshly Zested Lemon Fragrance Oil

Page 4 of 7
2016-03-10

During fire fighting: Water may be ineffective.

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not applicable.

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure.

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Conforms to Standard

Odor: Conforms to Standard

Freshly Zested Lemon Fragrance Oil

Color:	Yellow (G2-4)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	148 F (64.44 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.279
%VOC:	26.018
Specific Gravity @ 25 C:	1.0080
Density @ 25 C:	1.0050
Refractive Index @ 20 C:	1.5300
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 1,862.07) Harmful if swallowed.
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3,979.80) May be harmful in contact with skin.
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 68.66) May be harmful if inhaled.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Not classified - the classification criteria are not met.
Respiratory sensitization	Not classified - the classification criteria are not met.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified - the classification criteria are not met.
Carcinogenicity	Not classified - the classification criteria are not met.
Reproductive toxicity	Not classified - the classification criteria are not met.
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met.

Freshly Zested Lemon Fragrance Oil

Specific target organ toxicity - repeated exposure Not classified - the classification criteria are not met.
Aspiration hazard May be fatal if swallowed and enters airways.

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity Not classified - the classification criteria are not met.
Chronic aquatic toxicity Very toxic to aquatic life with long lasting effects.
Toxicity Data on soil No data available.
Toxicity on other organisms No data available.

12.2 Persistence and degradability No data available.
12.3 Bioaccumulative potential No data available.
12.4 Mobility in soil No data available.
12.5 Other adverse effects No data available.

13. Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated - Not Dangerous Goods			
ADR/RID (International Road/Rail)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
IATA (Air Cargo)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
IMDG (Sea)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt
40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations:

Safety Data Sheet

SDS Type: GHS / OSHA

Freshly Zested Lemon Fragrance Oil

Page 7 of 7
2016-03-10

California Proposition 65 Warning

123-35-3(NF 204-622-5 0.1 - 1.0 %

This product contains the following components:
beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL

129757-67-1

0.01 - 0.1%

100.05% of the components are listed or exempt.
Decanedioic acid, 1,10-bis(2,2,6,6-tetramethyl-4-piperidinyloxy) ester, reaction product

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(2.51) Aspiration Hazard, Category 1

(7.30) Sensitization, Skin, Category 1B

(TFV) Risk

(3.35) Skin Corrosion/Irritation, Category 2

(1.11) Aquatic Chronic Toxicity, Category 1

Remarks

This safety data sheet is based on the properties of the material known to Candora Soap Inc at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Candora Soap Inc holds no responsibility. This document is not intended for quality assurance purposes.