

SAFETY DATA SHEET

Revision date: 12/16/2025

SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

PRODUCT NAME	:	Organic Lemon Essential Oil
BOTANICAL NAME	:	<i>Citrus limonum</i>
COUNTRY OF ORIGIN	:	Spain
CAS NUMBER	:	8008-56-8
EC NUMBER	:	284-515-8
SUPPLIER	:	Handcraft Blends
ADDRESS	:	1900 Glades Rd. Fl 4 Suite 500-26, Boca Raton, Florida 3341-7378
TELEPHONE NUMBER	:	914-491-1312

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

CLASSIFICATION ACCORDING TO THE REGULATION (EC) NO 1272/2008

Flammable liquids, Hazard Category 3; H226

Skin corrosion/irritation, Hazard Category 2; H315

Sensitization — Skin, Hazard Category 1; H317

Aspiration hazard, Hazard Category 1; H304

Hazardous to the aquatic environment — acute hazard, category acute 1

H400 Hazardous to the aquatic environment — long-term hazard, category chronic 1; H410

2.2 LABEL ELEMENTS



SIGNAL WORD : Danger

2.3 HAZARD STATEMENTS

H226 : Flammable liquid and vapor.
H304 : May be fatal if swallowed and enters airways.
H315 : Causes skin irritation
H317 : May cause an allergic skin reaction.
H320 : Causes eye irritation.
H410 : Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P210 : Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P280 : Wear protective gloves/eye protection/face protection.
P301 + P310 : IF SWALLOWED: Immediately call a POISON
CENTER/doctor.
P331 : Do NOT induce vomiting.
P333 + P313 : If skin irritation or rash occurs: Get medical
advice/attention.
P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several
minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
P501 : Dispose of contents/container according to local
legislation.

2.3 OTHER HAZARDS

N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

CONCENTRATION RANGE OF THE CONSTITUENT (%WEIGHT/WEIGHT)	EC NUMBER / REGISTRATION NUMBER	CAS	CHEMICAL NAME
<71,00	5989-27-5	227-813-5	(R)-p-Mentha-1,8- diene
<16,50	127-91-3	204-872-5	Pin-2(10)-ene
<12,00	99-85-4	202-794-6	p-Mentha-1,4-diene
<5,00	123-35-3	204-622-5	7-methyl-3- methyleneocta- 1,6- diene
<3,00	7785-26-4	232-077-3	(-)-Pin-2(3)-ene
<3,00	5392-40-5	226-394-6	Citral
<1,00	106-24-1	203-377-1	Geraniol
<1,00	106-25-2	203-378-7	Nerol
<1,00	78-70-6	201-134-4	Linalool
<1,00	99-87-6	202-796-7	P-cymene
<1,00	586-62-9	209-578-0	p-Mentha-1,4(8)- diene
<1,00	105-87-3	203-341-5	Geranyl acetate
<1,00	87-44-5	201-746-1	Caryophyllene
<1,00	98-55-5	202-680-6	P-menth-1-en-8-ol
<1,00	99-86-5	202-795-1	p-Mentha-1,3-diene
<0,90	495-62-5	207-805-8	Bisabolene & Farnesene Isomers
<0,50	106-23-0	203-376-6	Citronellal
<0,50	124-19-6	204-688-5	Nonanal

SECTION 4: FIRST AID MEASURES

4.1 EYE CONTACT

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

SKIN CONTACT

Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

INHALATION

Remove person to fresh air and keep at rest.

CONSUMPTION

If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED

May produce an allergic reaction.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

N/A

SECTION 5: FIRE FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Not applicable.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid contaminating the environment via the sewers or water sources.

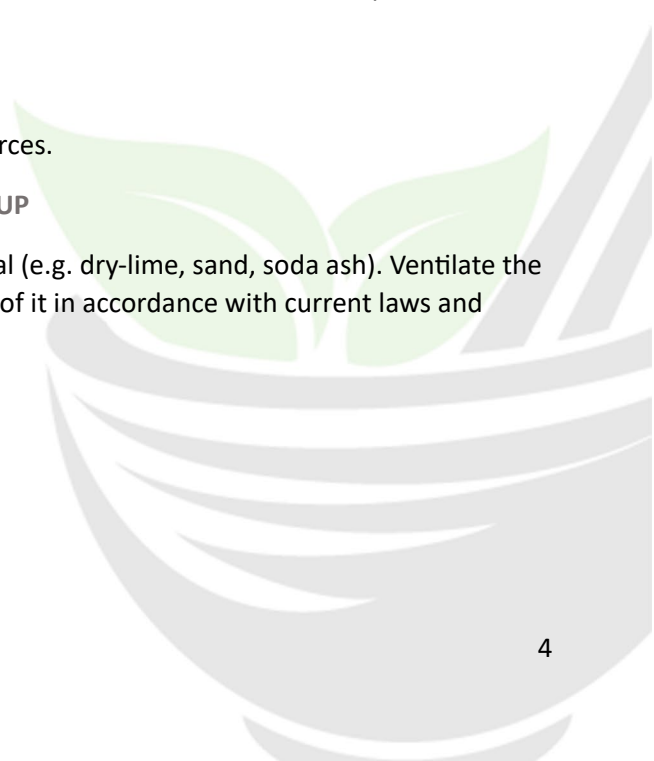
6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate the area and wash spill site after material pickup is complete. Dispose of it in accordance with current laws and regulations.

6.3 REFERENCE TO OTHER SECTIONS

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE



7.1 PRECAUTIONS FOR SAFE HANDLING

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 SPECIFIC END USE(S)

Not available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Declaration of substances is not required.

8.2 EXPOSURE CONTROLS

Spain			
Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
Citral	5 ppm		Skin, Sen, FIV
Pin-2(10)-ene	113 mg/m ³		-
Pin-2(3)-ene	113 mg/m ³		-

PERSONAL PROTECTION EQUIPMENT

Use personal protection equipment according to Directive 89/686/EEC.

ENGINEERING CONTROLS-VENTILATION

The areas where the product is handled and stored should be adequately ventilated

RESPIRATORY

Use personal breathing apparatus whenever deemed necessary.

SKIN PROTECTION

Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

EYE/FACE PROTECTION

Chemical safety goggles are recommended. Wash contaminated goggle before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Liquid
ODOR	:	Citric
COLOR	:	Yellow
FLASH POINT	:	48 °C

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not available.

10.2 CHEMICAL STABILITY

Stable under normal operating conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions

10.4 CONDITIONS TO AVOID

Heat, flames, and other sources of ignition. No special precautions other than good housekeeping of chemicals.

10.5 INCOMPATIBLE MATERIALS

Oxidizing mineral acids, strong reducing agents, strong oxidizing agents

10.6 DECOMPOSITION

Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11: TOXILIGICAL INFORMATION

ACUTE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SKIN IRRITATION/CORROSION

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SERIOUS EYE IRRITATION/DAMAGE

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

RESPIRATORY OR SKIN SENSITIZATION

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

GERM CELL MUTAGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

CARCINOGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

REPRODUCTIVE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-SINGLE EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-REPEATED EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

ASPIRATION TOXICITY

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 ACUTE AQUATIC TOXICITY:** Not determined
- 12.2 PERSISTENCE AND DEGRADABILITY:** N/A
- 12.3 BIOCONCENTRATION FACTOR:** Not determined
- 12.4 MOBILITY IN SOIL:** N/A
- 12.5 RESULTS OF PBT AND vPvB ASSESSMENT:** Not determined
- 12.6 OTHER ADVERSE EFFECTS:** Do not allow the material to enter streams, sewers, or other waterways

SECTION 13: DISPOSAL CONSIDERATION

- 13.1 WASTE TREATMENT METHODS**

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

UN NUMBER	:	UN1197
PROPER SHIPPING NAME	:	EXTRACTS, LIQUID
PACKING GROUP	:	III
CLASS	:	3
TUNNEL RESTRICTION CODE	:	(D/E)
SPECIAL PROVISIONS	:	601, 640H
LIMITED QUANTITIES	:	LQ7
PACKING INSTRUCTIONS	:	P001, IBC02, LP01, R001
KEMLER CODE	:	300

LABEL



14.2 SEA TRANSPORT (IMDG)

UN NUMBER	:	UN1197
PROPER SHIPPING NAME	:	EXTRACTS, LIQUID
PACKING GROUP	:	III
CLASS	:	3

MARINE POLLUTANT

: Yes

LABEL

:



14.3 AIR TRANSPORT (ICAO/IATA)

UN NUMBER

: UN1197

PROPER SHIPPING NAME

: EXTRACTS, AROMATIC, LIQUID

PACKING GROUP

: III

CLASS

: 3

LABEL

:



SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND INFORMATION REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Not available.

15.2 CHEMICAL SAFETY ASSESMENT

Not available.

SECTION 16: DISCLAIMER AND CAUTION

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Handcraft Blends provides the information contained herein but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Handcraft Blends, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Handcraft Blends is limited to the value of the goods and does not include any consequential loss. Handcraft Blends shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Handcraft Blends shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the State of Florida.

