

Certificate of Analysis

Contact us at:
info@zdravaprica.com



Product Name: Lemongrass Organic Essential Oil
Batch No: UI45416

Analytical Details	Result
Odour	Characteristic
Appearance	Pale Yellow
Relative Density at 20°C	0.897
RI at 20°C	1.485

Allergen Declaration

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Product Name: Lemongrass Essential Oil Organic

Ingredient	CAS	Concentration %
Citral	5392-40-5, 141-27-5, 106-26-3	72.5%
Citronellol	106-22-9, 1117-61-9, 26489-01-0, 6812-78-8, 141-25-3, 7540-51-4	0.6%
Eugenol	97-53-0	0.2%
Geraniol	106-24-1	3.8%
Isoeugenol	97-54-1, 5932-68-3	0.2%
Limonene	138-86-3, 7705-14-8, 5989-27-5, 5989-54-8	2%
Linalool	78-70-6, 126-90-9, 126-91 - 0	1%

IFRA Certificate

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Product Name: Lemongrass Organic Essential Oil

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive Safety assessment of the fragrance mixture.

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published on June 30, 2023), provided it is used in the following categories at a maximum concentration level of:

Category	Maximum level of use
IFRA Category 1	0.15%
IFRA Category 2	0.04%
IFRA Category 3	0.13%
IFRA Category 4	0.82%
IFRA Category 5A	0.20%
IFRA Category 5B	0.20%
IFRA Category 5C	0.20%
IFRA Category 5D	0.07%
IFRA Category 6	0.48%
IFRA Category 7A	0.27%
IFRA Category 7B	0.27%
IFRA Category 8	0.07%
IFRA Category 9	1.65%
IFRA Category 10A	1.65%
IFRA Category 10B	5.79%
IFRA Category 11A	0.07%
IFRA Category 11B	0.07%
IFRA Category 12	Not limited

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and nonhydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash Tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets

IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plugins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)

SAFETY DATA SHEET

LEMONGRASS ESSENTIAL OIL ORGANIC

Complying with Regulation (EC) No 1907/2006 (REACH)

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial name: Lemongrass essential oil organic
Botanical name: *Cymbopogon flexuosus*
INCI name: Cymbopogon flexuosus oil
EINECS CAS no.: 91844-92-7
Alternative CAS no.: 8007-02-1
EC no.: 943-552-6, 295-161-9, 616-903-3
FEMA no.: 2624
REACH registration no.: 01-2120119366-58-0011

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Fragrances; flavours; aromatherapy
Use advised against: None in particular

1.3 Details of the supplier of the safety data sheet

Company identification: Healthy Story LLP
27 Old Gloucester Street,
London, WC1N 3AX, United Kingdom
+44 800 048 5030
info@zdravaprica.com

1.4 Emergency telephone number

Emergency phone number: +44 800 048 5030

Section 2: Hazards identification

2.1 Classification of the substance or mixture

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

Physical and chemical hazards: Not classified.
Human health: Aspiration hazard, category 1 – H304
Skin corrosion/irritation, category 2 – H315
Skin sensitisation, category 1 – H317
Serious eye damage/eye irritation, category 1 – H318
Environment: Hazardous to the aquatic environment, chronic, category 3 – H412

See section 2.2 for hazard statements written out in full.

2.2 Label elements

Signal word: Danger.



Pictograms:

Hazard statements: H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P310: Immediately call a POISON CENTER or doctor/physician
P321: Specific treatment (see section 4 of the safety data sheet).
P331: Do NOT induce vomiting.
P301+310: IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
P302+352: IF ON SKIN: wash with plenty of soap and water.
P305+351+338: IF IN EYES: rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+313: If skin irritation occurs: get medical advice/attention.
P333+313: If skin irritation or rash occurs: get medical advice/attention.
P362+364: Take off contaminated clothing and wash before reuse.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local regulations.

2.3 Other hazards

No data available.

Section 3: Composition/information on ingredients

3.1 Substances

NCS (natural complex substance): 100% pure and natural essential oil.

List of principal components:

Name of Component	EINECS CAS No.	EC No.	% composition	Classification (Regulation (EC) No 1272/2008)
Geranial (=E-Citral)	141-27-5	205-476-5	33-49	H315, H317, H319
Neral (=Z-Citral)	106-26-3	203-379-2	27-37	H315, H317, H319
Geraniol	106-24-1	203-377-1	1.5-10	H315, H317, H318
Geranyl acetate	105-87-3	203-341-5	0.5-6	H315, H317, H412
l-Limonene	5989-54-8	227-815-6	0.1-2	H226, H304, H315, H317, H400, H412
beta-Caryophyllene	87-44-5	201-746-1	0.5-3	H304, H317
6-Methyl-5-hepten-2-one	110-93-0	203-816-7	0.5-3.5	H226
Linalool	78-70-6	201-134-4	<2	H315, H317, H319

See section 16 for H-phrases written out in full.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move the exposed person to fresh air at once.
Ingestion:	Immediately rinse mouth and drink water. Keep person under observation. Do not induce vomiting.
Skin contact:	Wash with plenty of water, remove contaminated clothing immediately. If irritation persists, or if there is any small lesion, consult a doctor.
Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and rinse under eyelids.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention if any discomfort is felt, and bring these instructions.

Section 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, dry powder.

Unsuitable extinguishing media: Water jet or fog (spray).

5.2 Special hazards arising from the substance or mixture

Nature of decomposition of the product is not known.

5.3 Advice for firefighters

Cool endangered drums with water.

Move undamaged containers from immediate hazard area if it can be done safely.

Use full face, self-contained breathing apparatus and appropriate protective clothing.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective gloves, protective clothing, eye protection and face protection. Do not inhale explosion and combustion gasses.

Eliminate all ignition sources. Ventilate area.

6.2 Environmental precautions

Avoid contamination of drains, sewers and surface waters. Do not discharge on the ground.

6.3 Methods and material for containment and cleaning up

Stop leaks and contain spillage by any means available. Absorb liquid in sand or earth or any other inert material. If substance has entered a water course or sewer, inform the responsible authority.

Small spills: wipe up with paper rags and place contaminated items in closed metal waste containers.

Big spills: use non-flammable absorbents.

6.4 Reference to other sections

See section 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Keep away from sources of heat and ignition.

Work in a well-ventilated area.

Avoid spills.

Keep away from drains.

Do not eat, drink and smoke in work areas.

Wash hands after any contact, before breaks and meals and at the end of the work period.

Remove any contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and dark place in tightly sealed, suitable containers.

7.3 Specific end use(s)

None in particular.

Section 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

8.2.1. Engineering measures: Ensure adequate ventilation, especially in confined areas.

8.2.2. Individual protection measures:

Good personal hygiene practice: Wash hands after any contact, before breaks and meals and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

Eye/face protection: Wear safety goggles.

Skin protection: Avoid contact with skin. Wear protective gloves.

Respiratory protection: Not needed for normal use in a ventilated area.

Thermal hazards: No data available.

8.2.3. Environmental exposure controls: Prevent leakage. Do not let product enter drains.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Yellow liquid.
Odour:	Strong, lemony, herbaceous.
Odour threshold:	No data available.
PH:	No data available.
Melting point/freezing point:	-20°C
Initial boiling point and boiling range:	94°C at 101.3 kPa
Flash point:	85.3°C
Evaporation rate:	No data available.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability / explosive limits:	No data available.
Vapour pressure:	26.66 Pa at 25°C
Vapour density:	No data available
Relative density (20°C):	0.881 to 0.905
Solubility in water:	210 – 4 364 100 µg/L at 25°C
Partition coefficient (n-octanol/water):	2.06 – 6.64
Auto-ignition temperature:	240°C at 99.56 – 99.61 kPa
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidising properties:	No data available.

9.2 Other information

Optical Rotation (20°C):	-5° to +1°
Refractive Index (20°C):	1.477 to 1.489

Section 10: Stability and reactivity

10.1 Reactivity: Stable under normal conditions.

10.2 Chemical stability: Normally stable.

10.3 Possibility of hazardous reactions: No data available.

10.4 Conditions to avoid: Excessive heat, sparks and flames.

10.5 Incompatible materials: No data available.

10.6 Hazardous decomposition product: No data available.

Section 11: Toxicological information

11.1 Information on toxicological effects:

• Acute toxicity:

Oral: LD50 5000 mg/kg bw (rat). Not classified.

Dermal: LD50 2000 mg/kg bw (rabbit). Not classified.

Section 12: Ecological information

12.1 Toxicity:

- Short-term toxicity to aquatic invertebrates:
EL50 (24h and 48h): 4.2 mg/L
NOELR (24h and 48h): 3.2 mg/L
- Toxicity to aquatic algae and cyanobacteria:
EL10 (72h): 11-12 mg/L
EL50 (72h): 13-18 mg/L
NOELR (72h): 12.5 mg/L

12.2 Persistence and degradability: Readily biodegradable in water (100%).

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Result of PBT and vPvB assessment: This substance is not PBT/vPvB.

12.6 Other adverse effects: No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods: Dispose of contents/container in compliance with local regulations.

Section 14: Transport information

14.1 UN number: Not regulated.

14.2 UN proper shipping name: Not regulated.

14.3 Transport hazard class(es): Not regulated.

14.4 Packing group: Not regulated.

14.5 Environmental hazards: Harmful to aquatic life with long lasting effects.

14.6 Special precautions for user: No data available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

Section 15: Regulatory information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture: Not available.

15.2 Chemical safety assessment: Not available.

Section 16: Other information

16.1 Revision history:

This SDS cancels and replaces any preceding release. Revision has been made to section 1 and 3. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

16.2 Full text of H-Statements referred to under section 3:

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H400: Very toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.