

BASIL ORGANIC ESSENTIAL OIL

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: BASIL ORGANIC ESSENTIAL OIL
 Substance name: Ocimum kilimandscharicum, ext.
 CAS No.: 91845-32-8
 EC No.: 295-205-7
 REACH Registration No.: Exempt: tonnage band under 1 ton/year

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

Identified Use(s): Raw material for industry
 Cosmetic products, detergents
 Uses Advised Against: Not known.

***1.3 Details of the supplier of the safety data sheet**

Supplier: Scents From Nature - Natural Essential Oils Company, Lda
 Company Identification: Zona Industrial da Ladeira da Calça, Lote 1
 Address of Manufacturer: 3260-305 Figueiró dos Vinhos, Portugal
 Postal code: (+351) 236 551 093
 Telephone: Info@SCENTSNATURE.com
 E-mail:

1.4 Emergency telephone number

National response centre: Centro de Informação Antivenenos (CIAV)
 Address: INEM – Instituto Nacional de Emergência Médica,
 Rua Almirante Barroso, 36,
 1000 – 013 LISBOA, Portugal.
 Emergency Phone No.: 800 250 250

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 3 :Flammable liquid and vapour.
 Acute Tox. 4 :Harmful if swallowed.
 Asp. Tox. 1 :May be fatal if swallowed and enters airways.
 Skin Irrit. 2 :Causes skin irritation.
 Skin Sens. 1B :May cause an allergic skin reaction.
 Eye Irrit. 2 :Causes serious eye irritation.
 STOT SE 3 :May cause respiratory irritation.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
 Product Name: BASIL ORGANIC ESSENTIAL OIL
 Substance name: Ocimum kilimandscharicum, ext.

Hazard Pictogram(s)



GHS02



GHS08



GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H226: Flammable liquid and vapour.
 H302: Harmful if swallowed.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation.
 Contains eugenol

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P264: Wash hands and exposed skin thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

BASIL ORGANIC ESSENTIAL OIL

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331: Do NOT induce vomiting.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Ocimum kilimandscharicum, ext.	91845-32-8	295-205-7	100	Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319) STOT SE 3 (H335)	GHS02 GHS07 GHS08

Major constituents of the substance contributing to the classification:

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Camphor	21368-68-3	244-350-4	35-55	Flam. Sol. 2 H228 Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	GHS02 GHS07
(R)-p-mentha-1,8-diene d-limonene	5989-27-5	227-813-5	10-20	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 3 H412	GHS02 GHS08 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Camphor	21368-68-3	-	-	Acute Tox. 4 (H302) : 500.000

Contains no non-classified vPvB substances.
 Contains no non-classified substances with a Union workplace exposure limit.
 For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
 Skin Contact: Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Rinse skin with water.
 Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation. Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Call a POISON CENTRE/doctor if you feel unwell. Treat symptomatically.



BASIL ORGANIC ESSENTIAL OIL

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media

Use water spray, dry powder or carbon dioxide to extinguish.

Unsuitable extinguishing media

Water jet spray

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. Combustion or thermal decomposition will evolve toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment

Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).





BASIL ORGANIC ESSENTIAL OIL



Respiratory protection A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Yellow
Odour	Strong and spicy
Melting point/freezing point	Not known. +
Boiling point or initial boiling point and boiling range	Not known. +
Flammability	Not known. +
Lower and upper explosion limit	Not known. +
Flash Point	56°C
Auto-ignition temperature	Not known. +
Decomposition Temperature	Not known. +
pH	5.4
Dynamic viscosity	22.7 (20°C); 35.63 (40°C)
Kinematic viscosity	24.80 mm ² /s (20°C); 38.92 mm ² /s (40°C)
Solubility	Solubility (Water) : Not known. + Solubility (Other) : Not known. +
Partition coefficient n-octanol/water (log value)	Not known. +
Vapour pressure	Not known. +
Density and/or relative density	Density (g/ml) : 0.9154
Relative vapour density	Not known. +
Particle characteristics	Not known. +

+ There are no data available at the time of writing this document or it is not applicable due to the nature and danger of the product

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Harmful if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1132.50000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.



BASIL ORGANIC ESSENTIAL OIL

Carcinogenicity
Reproductive toxicity
Lactation
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : May cause respiratory irritation.
Calculation method : Not classified.
Calculation method : May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Toxic to aquatic life.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied package. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this product and its container, sending them to an authorized collection and recovery/disposal company.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

***14.1 UN number or ID number**

UN No. 1197

***14.2 UN proper shipping name**

UN proper shipping name EXTRACTS, LIQUID

***14.3 Transport hazard class(es)**

ADR/RID	
ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	601
Limited Quantities	5 L
Excepted Quantities	E1
Emergency Action Code	3Y
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	3
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	V12
Special Provisions for Carriage - Bulk	



BASIL ORGANIC ESSENTIAL OIL

Special Provisions for Carriage - Loading,
Unloading and Handling
Special Provisions for Carriage - S2
Operation
ADR HIN 30

IMDG
IMDG Class 3
Special Provisions 601
Limited Quantities 5 L
Excepted Quantities E1
Mixed Packing Instructions for Packages P001 IBC03 LP01 R001
Special Packing Provisions for Packages
Packing Instructions for Portable Tanks T2
Special Provisions for Portable Tanks TP1
IMDG EMS F-E, S-D
Stowage and Handling Category A
Segregation
Marine Pollutant
ICAO/IATA
IATA Proper Shipping Name EXTRACTS, LIQUID
Excepted Quantities E1
Passenger and Cargo Aircraft Limited Y344
Quantities Packing Instructions
Passenger and Cargo Aircraft Limited 10L
Quantities Max net Qty
Passenger and Cargo Aircraft Packing 355
Instructions
Passenger and Cargo Aircraft Max net 60L
Qty
Cargo Aircraft Packing Instructions 366
Cargo Aircraft Max net Qty 220L
Special Provisions A3
Emergency Response Guidebook (ERG) 3L
Code
Labels
Labels 3



14.4 Packing group
Packing group III

14.5 Environmental hazards
Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user
Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments
No information available

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Regulations - Authorisations and/or Restrictions On Use
Candidate List of Substances of Very High Concern for Authorisation Not listed
REACH: ANNEX XIV list of substances subject to authorisation Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed
Community Rolling Action Plan (CoRAP) Not listed
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

National regulations

BASIL ORGANIC ESSENTIAL OIL

Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Revision 1.1 28/09/2023
Replaces: Revision 1 of 13/12/2021
Section 1.3 Update supplier contact details
Section 14.1 Change to new UN number 1197
Section 14.2, 14.3 Change to new proper shipping name: EXTRACTS, LIQUID.

Revision 1 13/12/2021
Changes from the previous revision marked with an *

Hazard Pictogram(s)



GHS02



GHS08



GHS07

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3
Flam. Sol. 2 : Flammable solid, Category 2
Acute Tox. 4 : Acute toxicity, Category 4
Asp. Tox. 1 : Aspiration hazard, Category 1
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1
Skin Sens. 1B : Skin sensitization, Category 1B
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H226: Flammable liquid and vapour.
H228: Flammable solid.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331: Do NOT induce vomiting.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous

BASIL ORGANIC ESSENTIAL OIL

Goods by Road
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

Disclaimers

Regulation (EC) No. 1272/2008 (CLP)

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. SDS supplier gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. SDS supplier accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.