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Safety Data Sheet

ORGANIC LAVENDER SPIKE ESSENTIAL OIL - SPAIN (*Lavandula latifolia* (L.F.) Medikus)

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPAGNY/UNDERTAKING

LABEL NAME : ORGANIC LAVENDER SPIKE ESSENTIAL OIL - SPAIN
BOTANICAL NAME : *Lavandula latifolia* (L.F.) Medikus
INCI NAME : LAVANDULA LATIFOLIA HERB OIL





NAME SUPPLIER : NHR Organic Oils

Address : 24 CHATHAM PLACE, BRIGHTON BN1 3TN (UK)
Phone : 0845 310 8066 e-mail : info@nhrorganiccoils.com

Use product : Fragrant or/and flavour substance

Emergency Phone number : ORFILA INRS 33 (0)1 45 42 59 59

2. HAZARD IDENTIFICATIONS

Classification		Labelling	
Class and category of hazard	Hazard	Symbol of danger	References of danger
Flam. Liq. 3 (FL3)	H226	 SGH02	H226 : Flammable liquid and vapour
Acute Tox. 4	H332	 SGH07	H332 :Harmful if inhaled
Skin Sens. 1 (SS 1) Skin Irrit. 2 (SCI 2)	H315 H317		H315: Cause skin irritation H317 : May cause an allergic skin reaction
Asp. Tox. (AH1) STOT SE 2 (STO-SE 2)	H304 H371	 SGH08	H304 : May be fatal if swallowed and enters airway H371: May cause damage to organs
Aquatic Chronic 2 (EH C2)	H411	 SGH09	H411:Very toxic to aquatic life with long lasting effects.
Warnings		DANGER	

Precaution advises:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P403+P235 Store in a well ventilated area. Keep cool.
P501 Dispose of contents/container according to regulation in force

P302+P352 If on skin: Wash with plenty of soap and water.
P301+P310 If swallowed: immediately call a poison center or a physician.
P308 + P313 If exposed or concerned: Get medical
P331 DO NOT induce vomiting.
P270 Do not eat, drink or smoke when handling the product
P273 Avoid release to the environment.

3. COMPOSITION / INFORMATIONS ON INGREDIENT

CNS, Complex natural substance (100% pure and natural).

CAS TSCA : 8016-78-2
CAS EINECS : 84837-04-7
EINECS : 284-290-6
FEMA : 3033
CoE : 256n

Hazardeous components:

Component	Proportions	CAS	EINECS	Classification according to Directive CE 1272/2008
Linalol	≤ 50,0 %	78-70-6	201-134-4	H315
Cineol 1,8	≤ 39,0 %	470-82-6	207-431-5	H226
Camphor	≤ 16,0 %	76-22-2	200-945-0	H228, H332, H371
Alpha-bisabolene	≤ 4,0 %	17627-44-0	241-610-9	H304, H315, H317
Alpha-Pinene	≤ 4,0 %	80-56-8	201-291-9	H226, H304, H315, H317
Béta-Pinene	≤ 4,0 %	127-91-3	204-872-5	H304, H226, H315, H317
Béta-Caryophyllene	≤ 4,0 %	87-45-5	201-746-1	H304
Bornéol	≤ 3,0 %	507-70-0	208-080-0	H228
Béta-Phellandrene	≤ 3,0 %	555-10-2	209-081-9	H304, H226
Limonene	≤ 3,0 %	138-86-3	205-341-0	H304, H226, H315, H317 ; H410
Alpha-Terpineol	≤ 2,0 %	98-55-5	202-680-6	H315, H319

4. FIRST AID MEASURES

Skin contact :

P302+P352 : IF ON SKIN: Wash with plenty of soap and water.
P332+P313 : IF SKIN IRRITATION OR RASH OCCURS: Consult a doctor.
P362 : Remove contaminated clothing and wash before reuse.

Eyes contact:

P351 : Rinse cautiously with water for several minutes
P338 : Remove contact lenses if the victim has and if they can be easily removed.
P337 : If eyes irritation persists, consult a physician.

Ingestion:

P301+P310 : IF SWALLOWED: immediately call a poison center or a physician.
P330 : Rinse mouth.
P331 : DO NOT induce vomiting

5. FIREFIGHTING MEASURES

Class : Flammable
Products of hazard combustion : In case of fire, harmful gas may be formed such as CO, CO2
Advice : Avoid breathing vapors and fumes. Use a mask if necessary.
Extinguishing methods : Carbon dioxide extinguishers or dry (Class ABC) fire extinguisher foam.
Avoid stream of water.

Protective equipment : In case of fire, use a respiratory protective device with an independent air supply.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid all flammable sources. Ventilate premises. Do not smoke

Environmental precautions: Avoid contamination of drains, surface water and groundwater.

Methods and material for containment and cleaning up: Large spills should be cleaned with inert absorbent material that will be destroyed in accordance with existing regulations.

7. HANDLING AND STORAGE

7.1 Handling

To avoid splashing into the eyes and mucous membranes and following the arrangement of the workplace and manipulations, wearing glasses and special clothing (gloves...) may be indicated.

It is prohibit smoking in areas where they are handled. Do not heat the perfumery products with a naked flame or expose their vapors to a flame or other sources of ignition (eg electrical equipment).

Do not abundantly breathe vapors.

Get quickly rid of sponges, etc. ..., used to absorb perfumery products: this will be done by incineration because we know cases of auto-oxidation with spontaneous combustion of some of these products.

Large spillages should be contained with sand or inert powder.

For incorporation into the final product, the products must be kept at relatively low temperatures.

7.2 Storage

It is recommended to store in containers original, closed, or in glass containers, protected from heat, air and light and avoiding too large temperature differences. Do not reuse empty containers.

Perfumery products should under no circumstances be ingested. Keep away from food or drink.

An adequate ventilation is desirable.

8. EXPOSURE CONTROLS/EXPOSAL PROTECTION

To avoid splashing into the eyes and mucous membranes and following the arrangement of the workplace and manipulations, wearing glasses and special clothing (gloves...) may be indicated.

Do not reuse empty containers. Get quickly rid of sponges, etc. ..., used to absorb perfumery products.

Health and Safety: comply with the measures and safety practice in the implementation of chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

***Basic information**

Odor : Characteristic, earthy, more or less camphor.
Appareance : Mobile liquid, clear.
Color : Pale yellow to orange yellow.

***Other informations (health, security, environment)**

pH	: N.A.	Segregation coefficient (n-octanol/water)	:	
Boiling point	: N.A.	Viscosity	:	N.A.
Flash point	: + 60°C	Vapour density	:	N.A.
Solubility	: Insoluble	Evaporation rate	:	N.A.
Solubility in alcohol	: Soluble	Explosion limits	:	
Vapour pression	: N.A.	-Lower	:	N.A.
Density at 20 °C	: 0,894 à 0,907	-Upper	:	N.A.

Combustive properties : Does not contain no known substance as liable to ignite spontaneously

Explosion Hazard : No risk at ambient temperature, to comply with ATEX requirements

Other data:

Refractive index at 20 ° C : 1,461 à 1,468 Melting point: N.A.
Rotation : - 7° à + 2° Auto-ignition: N.A.

10. STABILITY AND REACTIVITY

This product does not present a danger of violent reaction. It is stable in time and does not react with water.
Advices: Avoid contact or contamination with strong acids, bases or oxidizing agents.

11. TOXICOLOGICAL INFORMATIONS

No significant effects or critical hazards

Harmful effect by swallowed : DL50 for the rat > 4 000 mg/kg

Harmful effect by skin contact : DL50 for the rabbit > 2 000 mg/kg

Sensitization : N.A.

Irritant effect : N.A.

Phototoxicity : N.A.

Carcinogenicity : No CMR classification according to EC Regulation 1272/2008

Mutagenicity : No CMR classification according to EC Regulation 1272/2008

Reproductive toxicity : No CMR classification according to EC Regulation 1272/2008

IFRA restrictions: This material and / or some of its components are covered by the Code of Practice IFRA (website: www.ifraorg.org)

Other information: Handle this product with all the precautions because of given unpredictable synergy effects on sensitive people.

12. ECOLOGICAL INFORMATIONS

Daphnies toxicity (CE50) : 59,30 mg/l/48 hour

Mobility : low mobility in soil

Persistence and degradability : N.A.

Bioaccumulation potential : No consequence to our knowledge

Other critical effects : No other critical effects to our knowledge

Precautions : Avoid releases to the environment (surface water, sewers, groundwater and water in the air and the natural environment).
Follow national and regional regulations

Category of water pollution 1

Results of PBT and vPvB assessment PBT : Not applicable. VPvB: Not applicable

Other adverse effects : No further relevant information available.

13. DISPOSAL CONSIDERATIONS

To avoid releasing to the environment. Disposal must be made according to official regulations.

Releasing to the air : to avoid

Releasing in the water : to avoid

Releasing in the natural environment : to avoid

Wastes disposal : incineration

Treatment of empty packaging : avoid reuse

May be subject to special treatment, for example, incineration station, if local official regulations are followed.

14. TRANSPORT INFORMATIONS

Comply with the international regulations of dangerous goods.
Customs rate code : 3301 29 41 00



Land : Type ADR/RID Class 3
Dispatch name : EXTRACTS AROMATIC LIQUID

UN 1169

Packing group.III



Maritime : Type IMDG Class 3
Dispatch name : EXTRACTS, AROMATIC, LIQUID
Maritime pollutant : yes

UN 1169

Packing group.III



Air : Type ICAO/IATA Class 3
Dispatch name : EXTRACTS, AROMATIC, LIQUID

UN 1169

Packing group.III

15. REGULATORY INFORMATIONS

Labeling : *Classification according to the (CE) n°1272/2008 regulation*

16. OTHER INFORMATIONS

The information contained in this safety data sheet is based on the level of our knowledge with regard to the product in question on the date shown. It is given on good faith.

In addition, we must point out to users the risks which may arise if a product is used for purposes other than those for which it is intended.

In any event, the user still has an obligation to be aware of and to apply all the texts governing his activity and shall take, under his own responsibility, all the necessary precautions associated with the use he makes of the product.