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Safety Data Sheet

Organic Lavender Essential Oil

(*Lavandula angustifolia*)

According to 1907/2006/EC, Article 31, amended
by Regulation (EU) No. 453/2010

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Printing date 13.06.2016

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

- **1.1 Product identifier**
- **Trade name:** Lavender Oil Bulgarian Organic
- **Article number:** 162263
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Cosmetic Ingredient
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
NHR ORGANIC OILS
24 Chatham Place
Brighton UK
BN1 3TN
- **For further information or SDS requests please contact:**
- NHR ORGANIC OILS
E mail: info@nhrorganicoils.com
- **1.4 Emergency telephone number:**
MULTI LINGUAL EMERGENCY NUMBER(Carechem 24*7)
EUROPE : + 33 (0) 1 44 73 10 02 ”
For China: + 86 1051003039
For India: +65 31581198
For advice on chemical emergencies, spillages, fires or First Aid
National emergency telephone number :
Czech Republic: Toxikologické informační středisko (TIS), Klinika nemocí z povolání, Na Bojišti 1,
128 08 Praha 2, Tel – nonstop: + 420 224 919 293, + 420 224 915 402
France : Orfila 01.45.42.59.59
Netherlands: National vergiftigen info centrum: 030-2748888 (uitsluitend bestemd om
professionele hulpverleners te informeren bij acute vergiftigen.)
Denmark Giftlinien +45 82 12 12 12
Sverige +46 08-33 12 31
Norge Giftcentralen +47 22 59 13 00
Schweizerisches Toxikologisches Informationszentrum Telefon +41 145
Finland: Myrkytystietokeskus, puh. 09-471977 tai 09-4711/Myrkytystietokeskus
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Safety Data Sheet
Organic Lavender Essential Oil
(Lavandula angustifolia)

Serbia - Nacionalni centar za kontrolu trovanja: + 381 11 266 11 22

Turkey - Acil Sağlık Hizmetleri Genel Müdürlüğü: 114

Hungary - Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ), H-1096 Budapest,
Nagyvárad tér 2: +36 80 20 11 99 (Magyarországon ingyenesen hívható)

Croatia - Broj telefona službe za izvanredna stanja: 112

Greece - ΤΗΛ. ΚΕΝΤΡΟΥ ΔΗΛΗΤΗΡΙΑΣΕΩΝ : 210-77.93.777

SLOVAKIA Núdzové telefónne číslo: Národné toxikologické informačné centrum, tel: 02/ 5477 4166

Russia - ФГБУ "Научно-практический токсикологический центр ФМБА" России. Адрес:
129090, г. Москва, пл. Большая Сухаревская, д 3, стр. 7. Тел. +7-495-6281687 / +7-495-
6216885. Рекомендуется дополнительно консультация скорой помощи!

BULGARIA - Национален токсикологичен информационен център, Многопрофилна болниц
а за активно лечение и спешна медицина "Н.И.Пирогов" Телефон за спешни случаи / факс:
+359 2 9154 409, E-mail: poison_centre@mail.orbitel.bg

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UKRAINE - National Toxicology Center, Clinical Emergency Hospital (toxicology department), 3
Bratislavskaya str., Kyiv, Ukraine. Tel./ Fax: +38 044 527-69-81

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**

Lavandula Angustifolia (Lavender) Flower Extract
INCI name: LAVANDULA ANGUSTIFOLIA OIL

- **Hazard statements**
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P362 Take off contaminated clothing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Dangerous components:**

CAS: 90063-37-9 EINECS: 289-995-2	Lavandula Angustifolia (Lavender) Flower Extract INCI name: LAVANDULA ANGUSTIFOLIA OIL ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315 Aquatic Chronic 3, H412	60 - 100%
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· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

Lavandula Angustifolia (Lavender) Flower Extract INCI name: LAVANDULA ANGUSTIFOLIA OIL	≥ 30%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:** Provide rest, warmth and fresh air.

· **After inhalation:**

Remove victim from source of exposure.

Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

After contact with the skin, wash immediately with plenty of soap and water.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Promptly wash eyes with plenty of water while lifting the eye lids.

Remove contact lenses.

Continue to rinse for 10 minutes.

Seek immediate medical advice.

· **After swallowing:**

Immediately rinse out mouth and then drink plenty of milk or water.

If large quantity ingested:

Immediately go to a hospital.

· 4.2 Most important symptoms and effects, both acute and delayed

Upper respiratory irritation.

Ingestion : May cause discomfort if swallowed.

Irritating and may cause redness and pain.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:**

Foam

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*Carbon dioxide**Dry chemical**Water fog*

· **5.2 Special hazards arising from the substance or mixture**

*In case of fire, the following can be released:**Toxic gases/vapours**Carbon monoxide (CO)**Carbon dioxide (CO₂)**Nitrogen oxides (NO_x)*

· **5.3 Advice for firefighters**

· **Protective equipment:**

*In the event of fire and/or explosion do not breathe fumes.**Wear self-contained respiratory protective device.**Wear fully protective suit.*

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

*Wear protective equipment. Keep unprotected persons away.**Ensure adequate ventilation**Don't inhale vapour/aerosols**Avoid contact with skin.*

· **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*

· **6.3 Methods and material for containment and cleaning up:**

*Use inert absorbent material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc.) to soak up leaked product.**Use oil-binder**Send for disposal in a suitable container**Dispose of the material collected according to regulations.*

· **6.4 Reference to other sections**

*See Section 7 for information on safe handling.**See Section 8 for information on personal protection equipment.**See Section 13 for disposal information.*

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

*Usual safety precautions should be observed to ensure safe handling.**Ensure good ventilation/exhaustion at the workplace.**Avoid contact with eyes and skin.**Wash hands before breaks and at the end of work.*

· **Information about fire - and explosion protection:**

Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

*Store only in the original receptacle.**Keep in cool and well ventilated place.*

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- **Information about storage in one common storage facility:**
Store away from strong oxidizing agents.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** Chemical Storage
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** Use engineering controls to reduce air contamination.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Local exhaust ventilation required.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink or smoke while working.
Wash hands before breaks and at the end of work.
Remove and wash contaminated clothing before re-use.

Eyewash and safety shower facilities should be available when handling this product.
- **Respiratory protection:**
Use suitable respiratory protective device in case of insufficient ventilation.
NIOSH or European Standard EN 149 approved respirator
- **Protection of hands:**



Protective gloves.

DIN/EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Safety glasses

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- **Body protection:** Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Clear Liquid
Colour:	Yellowish
Odour:	Characteristic
Odour threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	204 °C (760 mm Hg)

· Flash point: > 65 °C (Tag Open Cup)

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature:

Decomposition temperature: Undetermined.

· Self-igniting: Not determined.

· Danger of explosion: Not determined.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure: Not determined.

· Density: Not determined.

· Relative density at 20 °C: 0.870 - 0.900

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): 3.62 log POW

· Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· 9.2 Other information: No further relevant information available.

· Refractive index: 1.450 - 1.470

SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions(See section 7).
- **10.3 Possibility of hazardous reactions** Hazard Polymerization: will not occur.
- **10.4 Conditions to avoid** Avoid heat and sources of ignition.
- **10.5 Incompatible materials:** Strong oxidizers.
- **10.6 Hazardous decomposition products:**
Fire or high temperatures create:
Toxic gases and vapours
Carbon monoxide
Carbon dioxide
Nitrogen oxides (NOx)

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

90063-37-9 Lavandula Angustifolia (Lavender) Flower Extract
INCI name: LAVANDULA ANGUSTIFOLIA OIL

Oral	LD50	4250 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)

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SECTION 12: Ecological information* **12.1 Toxicity****Aquatic toxicity:**

The product contains a substance which is harmful to aquatic organisms.

LC 50, 96 Hrs, Fish mg/l For Linalool =27.8; For d-limonene = 59

EC 50, 48 Hrs, Daphnia, mg/l For Linalool= 0.7; For d-limonene=0.4

90063-37-9 Lavandula Angustifolia (Lavender) Flower Extract

INCI name: LAVANDULA ANGUSTIFOLIA OIL

log Pow	3.62
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12.2 Persistence and degradability Biodegradable**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surface.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:**General notes:**

Avoid transfer into the environment.

Harmful to aquatic life with long lasting effects.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Recommendation Dispose of in accordance with Local Authority requirements.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information**14.1 UN-Number**

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

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· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard statements** Please refer section 2.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions concerning juveniles must be observed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing SDS:** SHEQ
- **Contact:** info@nhrorganicoils.com
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

. * Data compared to the previous version altered.

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