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Safety Data Sheet

Organic Neroli Essential Oil (Citrus aurantium var. amara)

version: 13-Dec-18

SAFETY DATA SHEET

In conformity with regulation (EC) no.: 1272/2008 (also called CLP)
 REACH registration number: 01-2120763169-46-0003
 Number of pages of the SDS: 3 pages
 Person to contact: NHR Organic Oils / Tel: 01273 746505

1. PRODUCT IDENTIFICATION

Commercial name: **H.E. NEROLI EGYPTE**
 Scientific name of the botanical source: **Citrus aurantium L. var. amara**
 INCI name: **CITRUS AURANTIUM AMARA FLOWER OIL**
 CAS: 8016-38-4 CN code: 3301.29.41
 EC: 277-143-2 FDA: 182.20
 EINECS: 72968-50-4 CoE: 136n
 FEMA: 2771 IFRA conformity: yes
 WGK: 2
 Manufacturer: Importer: Seller:

2. HAZARD IDENTIFICATION

Phrase: Danger

UN-GHS Classification:

FL4: Flammable Liquids 4.
 ATO5(4550): Acute toxicity oral 5.
 SCI2: Skin corrosion / irritation 2.
 SS1: Sensitization skin 1.
 AH1: Aspiration hazard 1.
 EDI 1: Serious eye damage / eye irritation 1.
 EHA1: Hazardous to the aquatic environment, acute hazard 1
 EHC1: Hazardous to the aquatic environment, long-term hazard 1



Hazard Statements:

Physico-chemical Hazards:
 None.



Health Hazards:

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.



Environmental Hazards:

H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.



Precaution Statements:

P301/310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting.
 P262: Do not get in eyes, on skin, or on clothing.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P273: Avoid release to the environment.
 P391: Collect spillage.
 P305/351/338: If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.



3. COMPOSITION / INFORMATION ON INGREDIENTS

NCS (UVCB) Constituents Information

| Material | CAS | EINECS | Hazards Symbol | Percent % |
|----------|-----|--------|----------------|-----------|
|----------|-----|--------|----------------|-----------|

| | | | | |
|---------------------------|-----------|-----------|-------------------------------------|-------------|
| Linalool (Natural) | 78-70-6 | 201-134-4 | H315 | 26.0 - 55.0 |
| Limonene (Natural) | 5989-27-5 | 227-813-5 | H226, H315, H317, H304, H400, H 410 | 7.0 - 17.0 |
| β -Pinene (Natural) | 127-91-3 | 204-872-5 | H226, H315, H317, H304, H400, H410 | 2.0 - 8.0 |
| Linalyl acetate (Natural) | 115-95-7 | 204-116-4 | none | 3.0 - 20.0 |

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| | | | | |
|--------------------------------|------------|-----------|------------------------------------|-------------|
| β -Ocimene (E) (Natural) | 3779-61-1 | 223-241-5 | NC | 3.0 – 9.0 |
| α -Terpineol (Natural) | 5392-40-5 | 226-394-6 | H315, H319 | 2.0 – 8.0 |
| Geranyl acetate (Natural) | 105-87-3 | 203-341-5 | H226, H315, H317, H304, H400, H410 | 1.0 – 5.0 |
| Nerolidol (E) (Natural) | 40716-66-3 | 255-053-4 | | 0.5 – 5.0 |
| Geraniol (Natural) | 106-24-1 | 203-377-1 | H315, H317, H318 | 1.0 – 6.0 |
| Myrcene (Natural) | 80-56-8 | 201-291-9 | H226, H315, H317, H304, H400, H410 | 1.00 - 4.00 |
| α -Pinene (Natural) | 127-91-3 | 204-872-5 | H226, H315, H317, H304, H400, H410 | n.d. - 2.00 |

4. FIRST AID MEASURES

In case of skin contact: Wash with large quantity of water and soap. Remove contaminated clothing. If an irritation persists or a skin lesion is visible, seek medical advice.

In case of contact with the eyes: Irrigate copiously with water during at least 10 (ten) minutes. If an irritation persists or a lesion is visible, obtain medical advice.

In case of ingestion: Rinse mouth with water and obtain medical advice immediately.

In case of excessive inhalation: Remove the individual to fresh air and consult immediately a doctor

5. FIRE FIGHTING MEASURES

Extinguishing media: Recommended – carbon dioxide or dry powder fire extinguisher.

Usable – foam or halogenous fire extinguisher.

Particular measures for fire fighting: High temperature may increase the pressure inside the closed container: cool the container by sprinkling water. Avoid breathing emitted vapors.

6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Personal precautions: Wear gloves and overalls

Environmental precautions: Do not allow entry into drains, storm water and soil.

Cleaning-up method: Soak in absorbent material (e.g. sand). Avoid combustible materials. Sweep and throw the powder into security dustbin.

Disposal: Do not land fill. Use a registered waste contractor. Be aware of you local regulations.

7. HANDLING AND STORAGE IN PRODUCTION AREA

Handlings: They must be performed in well-aired working areas, void of any heat sources. It is recommended to use protective glasses and gloves, not to breathe the emitted vapors. It is recommended to use pumps for handling large quantity.

Storage: Use original packaging. Avoid already used packaging. It is recommended to keep the product in a water-tight and air-tight container, in a dry, cool ($\leq 15^{\circ}\text{C}$), and aired area.

8. EXPOSURE CONTROL AND INDIVIDUAL PROTECTION

Individual protection of the respiratory tract is necessary in stuffy or confined working areas. The protection of hands and eyes by wearing gloves and glasses is recommended wear overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|---|
| Odor: | Reminiscent of bitter orange blossom, sweet, fresh floral terpenic odor, sometimes with a linalyl acetate aspect. |
| Aspect: | Pale yellow to amber-yellow liquid with slight blue fluorescence. |
| Miscibility in water: | Insoluble |
| Miscibility in alcohol: | Soluble |
| Liposolubility: | Liposoluble |
| Specific gravity @20°C: | 0.864 to 0.876 |
| Refractive index @20°C: | 1.463 to 1.474 |
| Optical rotation @20°C: | 0° to +11° |
| Flash point: | 61°C |
| Acid value: | ≤ 2 |
| Ester value: | 25 to 60 |

10. STABILITY AND REACTIVITY

Stable at ambient temperatures. Avoid sources of ignition. Under conditions described in point 7, the product is stable during 24 months (minimum) in original closed packaging.

11. TOXICOLOGICAL INFORMATION

Ingestion effect: DL oral 50: *not classified*
Skin contact effect: DL dermal 50: *not classified*

12. ECOLOGICAL INFORMATION

Cf. 15 (Regulatory Information). Prevent contamination of soil, surface, and ground water.

13. DISPOSAL

No special methods are necessary, but disposal should comply with national and local regulations.

14. TRANSPORT INFORMATION**Classification:**

Road: 9

Sea: 9

Air (IATA): *Environmentally hazardous substance, liquid, n.o.s.; Class 9 "Miscellaneous"*

UN #: 3082

UN packing: III

**15. REGULATORY INFORMATION****NCSs (UVCBs) Hazard classifications according to CLP regulation****H-Statements:**

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Volatile fraction of *H.E. Nérolí Egypte* may contain allergenic compounds (Limonene, Linalool,...) written in the 26 allergenic fragrance compounds list of the European restriction project (SCCNFP/0017/98 FINAL December 1999).

16. OTHER INFORMATION

To be observed: This sheet contains all the data concerning the product known at the date of release. They are given for user guidance and cannot involve the responsibility of the supplier. It is entirely the user's responsibility to secure proper handling, storage, and utilization of the product. The user is advised for consequences stemming from misuse of this product.