



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING




| 1:1-Product Identifiers: | | | | | |
|---------------------------|-----------------------------|--|---------------|------------|---------------|
| Product name | | NEROLI OIL LIGHT WHC616 | | | |
| Biological Definition | | Obtained from the steam distillation of the flowers of the bitter orange tree, Citrus aurantium L. var. amara L., Rutaceae and then by formulated blending of the oil with other citrus oils, citrus oil derivatives and fractions and other aromatic ingredients such that the final profile replicates in a general way the profile and odour characteristics of true Neroli Oil (Natural) | | | |
| INCI Name | | Citrus Aurantium Amara Flower Oil, Parfum | | | |
| Synonyms & Trade Names | | Neroli Phase Oil | | | |
| Reach Registration Number | | No additional data available | | | |
| FEMA No. | - | FDA No. | - | CoE No. | - |
| CAS-No | 68916-04-1 / 72968-50-4 / - | EC No. | 277-143-2 / - | EINECS No. | 277-143-2 / - |

| 1:2 – Relevant Identified Uses of the substance or mixture and uses advised against: | |
|--|--|
| Identified Uses | No additional data available |
| 1:3 – Details of the supplier of the Safety data sheets. | |
| Company Name | The Soap Kitchen Unit 8 Caddsdawn Industrial Park, Clovelly Road, Bideford, Devon EX39 3DX Tel: 01237 420872 (+44 (0)1237 420872) Email: it@thesoapkitchen.co.uk |

02. HAZARDS IDENTIFICATION

| 2:1 Classification of the substance or mixture | |
|--|--|
| Classification (1999/45) | The full Text for all Hazard statements are displayed in section 16 |
| Classification (EC 1272/2008) | Physical and Chemical Hazards : FL4 H227 Human health Asp. : Tox. 1 – AH1 H304, Skin Irrit 2 – SC12 H315, Skin Sens 1 – SS1 H317 Environment : Aquatic Chronic 2 – EHC2 H411 |

MATERIAL SAFETY DATA SHEET

| 2.2 – Label Elements | |
|---|---|
| Label Elements in accordance with (EC) No 1272/2008 | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> GHS08  </div> <div style="text-align: center;"> GHS09  </div> <div style="text-align: center;"> GHS07  </div> </div> |
| 2:3 - Other hazards | |
| Signal Word | Danger |
| Contains | Linalyl acetate, Linalool, Limonene, Geranyl acetate, Phenyl ethyl alcohol. |
| Hazard Statements | H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. |
| Precautionary Statements | P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking P241 Use explosion proof electrical/ventilating/lighting/equipment P262 Do not get in eyes, on skin or on clothing. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P303/361/353 If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/container to ... |
| Supplementary Precautionary Statements | None |
| PBT or vPvB according to Annex XIII | No additional data available |
| Adverse physio-chemical properties | No additional data available |
| Adverse effects on human health | No additional data available |

03. COMPOSITION/INFORMATION ON INGREDIENTS

| 3:1 - Substances | |
|------------------|------------------------------|
| Substances | No additional data available |
| 3:2 - Mixtures | |

MATERIAL SAFETY DATA SHEET

Mixtures

20-30% Linalyl Acetate CAS-No.: 115-95-7 EC No.: 204-116-4

Classification (EC 1272/2008) FL4, SCI3, EHA2

11-21% Linalool CAS-No.: 78-70-6 EC No.: 201-134-4

Classification (EC 1272/2008) FL4, SCI2, AT05, EHA3

9-19% Limonene CAS-No.: 5989-27-5 EC No.: 227-813-5

Classification (EC 1272/2008) AH1, EHC1, FL3, SCI2, SS1

6-10% Geranyl Acetate CAS-No.: 105-87-3 EC No.: 203-341-5

Classification (EC 1272/2008) EHC2, SCI3, EHA2

2-7% Phenyl Ethyl Alcohol CAS-No.: 60-12-8 EC No.: 200-456-2

Classification (EC 1272/2008) ATO5, EDI2A

1.5 – 3.5% Citronellol CAS-No.: 106-22-9 EC No.: 203-375-0

Classification (EC 1272/2008) SCI2, SS1, ATD5, ATO5, EHA2

1-3% Geraniol CAS-No.: 106-24-1 EC No.: 203-377-1

Classification (EC 1272/2008) SCI2, SS1, ATO5, EDI1, EHA2

04. FIRST AID MEASURES

4:1 – Description of first aid measures

General Advice

No additional data available

Inhalation

Remove to fresh air for at least 15 minutes, in case of complaints seek medical attention.

Ingestion

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately.

Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

MATERIAL SAFETY DATA SHEET

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| Eye Contact | Immediately flush with plenty of pure water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse. |
| 4:2 – Most important symptoms and effects, both acute and delayed | |
| Symptoms and effects | Inhalation : Can cause slight headache Skin contact : Can cause slight skin rash Eye contact : Can cause bloodshot eyes |
| 4:3 – Indication of any immediate medical attention and special treatment needed | |
| Special requirements | Immediate medical assistance : See point 4.1 Immediate/ special treatment: See point 4.1 First aid specific means : Eye wash fountain/safety shower should be available in the work area. |

05. FIRE-FIGHTING MEASURES

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| 5:1 - Extinguishing Media | |
| Suitable extinguishing Media | Small fire use: Carbon dioxide (CO ₂). Foam, dry Powder. Large fire: Use water spray or fog – cool containing vessels with water jet in order to prevent pressure build up, auto-ignition or explosion. |
| Unsuitable extinguishing Media-DO NOT USE | Pressurised Water jets |
| 5:2 - Special Hazards arising from substance or mixture | |
| Specific hazards | Vapours may form explosive mixture with air – in case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO ₂), smoke, soot. |
| 5:3 – Advice for firefighters | |
| Special firefighting procedures/ protective actions. | Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways. Protective equipment for fire-fighters Wear full protective clothing. |

06. ACCIDENTAL RELEASE MEASURES

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| 6:1 - Personal Precautions, protective equipment and emergency procedures. | |
| Personal precautions | For non- emergency personnel: In an emergency (i.e. unintentional important release of the product in enclosed space) |

MATERIAL SAFETY DATA SHEET

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| | <p>respiratory protection (Gas filter A, colour code brown: consider the maximum duration of wear) must be worn. Use insulating device for respiratory protection with an independent air supply in circumstances which are unclear – use adequate protection, solvent resistant: security shoes, bodysuit, gloves and protective goggles (see point 8)</p> <p>For emergency responders: As per non -emergency personnel.</p> <p>Emergency procedures: Remove any ignition source and ensure adequate ventilation in working areas following accidental release.</p> |
| 6:2 - Environmental Precautions | |
| Environmental Precautions | Do not discharge into drains. Keep away from surface and ground water. |
| 6:3 – Methods and materials for containment and cleaning up | |
| Spill Clean Up Methods | Keep away from heat and use non-combustible absorbing sawdust (sand, specific binder). Refer to point 13 for the appropriate method of waste treatment. |
| 6:4 – Reference to other sections | |
| Reference to other sections | <p>Section 4 – First aid measures</p> <p>Section 8 – Exposure controls/ personal protection for further information on personal precautions,</p> <p>Section 13 – Disposal considerations for further information on waste treatment.</p> |



07. HANDLING AND STORAGE

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| 7:1 – Precautions for safe handling | |
| Usage precautions | <p>Safe handling : During handling keep original container closed – avoid contact with skin and eyes – wear adequate protective gloves and eye/face protection – avoid any sources of ignition – avoid exposing to high temperature during processing – maintain adequate local and general ventilation where product is handled.</p> <p>Hygiene at work : Do not ingest or apply to the skin as such – no smoking – remove contaminated clothing – good personal washing routines should be followed – if at risk of contamination, foods,</p> |

MATERIAL SAFETY DATA SHEET

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| | beverages and other articles of consumption must not be stored or consumed at the work areas. |
| 7:2 – Conditions for safe Storage including any incompatibilities | |
| Storage Precautions | <p>Container : To be stored in stainless steel drums, preferably under inert atmosphere (nitrogen) with minimum head space, protect from day light. Take note : The container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long term warehousing.</p> <p>Conditions : Store in a dry. Aerated place, away from any heat source and ignition source.</p> <p>Temperature : From 5°C to 20°</p> |
| Suitable Packaging | No additional data available |
| 7:3 – Specific end use (s) | |
| End Uses | Use as odour agent – the information of this section is not related to the use of the product in combination with any other material or any other process altering its characteristic |

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8:1 – Control parameters | |
| Protective Equipment |   |
| Components with workplace control parameters | Occupational exposure limit: Not determined. |
| 8:2 – Exposure controls | |
| Engineering Measures | No additional data available. |
| Respiratory Equipment | Not necessary in adequate local with general ventilation – avoid breathing vapours. |
| Hand Protection | Suitable gloves tested to EN374 (should be checked regularly) – always use with clean, dry hands. |

MATERIAL SAFETY DATA SHEET

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| Eye Protection | Protective goggles with built in frame tested to EN166 (should be checked regularly). |
| Other Protection | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene Measures | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. |
| Personal protection | Use personal protection according to Directive 89/686/EEC. |
| Skin protection | Protective work clothing solvent resistant (should be checked regularly). |
| Environmental exposure controls | Avoid discharging into drainage water. Only remove via authorised companies. |

09. PHYSICAL AND CHEMICAL PROPERTIES

| 9:1 - Information on basic physical and chemical properties. | |
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| Appearance | Clear liquid |
| Colour | Colourless to pale yellow |
| Odour | Characteristic – strong neroli note |
| Relative Density | 0.914 - 0.924 @ 20°C |
| Flash Point (°C) | Approx. 71°C |
| Refractive Index | 1.471 - 1.481 @ 20°C |
| Melting Point (°C) | No additional data available. |
| Boiling Point (°C) | No additional data available. |
| Vapour Pressure | No additional data available. |
| Solubility in Water @20°C | Insoluble in water. |
| Auto-ignition temperature (°C) | No additional data available. |
| 9:2 - Other information | |
| Other Information | No additional data available. |

10. STABILITY AND REACTIVITY

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| 10:1- Reactivity |
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MATERIAL SAFETY DATA SHEET

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| Reactivity | Product not reactive with water- product not reactive if used according to storage and handling conditions and identified uses. |
| 10:2 - Chemical stability | |
| Stability | Chemically stable if used according to storage and handling conditions and identified uses. Shelf life: 365 days as per recommended storage and handling conditions see section 7 |
| 10:3 - Possibility of hazardous reactions | |
| Possible hazardous reactions | None if used according to storage and handling conditions and identified uses. |
| 10:4 - Conditions to avoid | |
| Conditions to Avoid | Avoid exposure heat, flames and other sources of ignition |
| 10:5 – Incompatible materials | |
| Incompatible materials | Highly oxidising agents. |
| 10:6 - Hazardous Decomposition Products | |
| Hazardous Decomposition Products | Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during combustion. |

11. TOXOLOGICAL INFORMATION

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| 11:1 Information on toxicological effects | |
| Acute Toxicity | This preparation has not been subject to ecotoxicological testing as an entity but has been blended from materials with known ecotoxicological data and hazard classification (RIFM). In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict potential hazards arising from unforeseen potentiation, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution. |
| Skin corrosion / irritation | Hazard statement: H315 Causes skin irritation. |
| Serious eye damage / irritation | No additional data available |
| Respiratory or skin sensitisation | Hazard statement: H317 May cause an allergic skin reaction. |

MATERIAL SAFETY DATA SHEET

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| Ingestion | No additional data available. |
| Germ Cell Mutagenicity | No additional data available. |
| Carcinogenicity | No additional data available. |
| Reproductive toxicity | No additional data available. |
| STOT-single exposure | No additional data available. |
| STOT-repeated exposure | No additional data available. |
| Aspiration hazard | Hazard statement : H304 May be fatal if swallowed and enters airways. |
| Photo-toxicity | No additional data available. |
| Other Information | No additional data available. |

12. ECOLOGICAL INFORMATION

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| 12:1- Toxicity | |
| Ecotoxicity | <p>This preparation has not been subject to ecotoxicological testing as an entity but has been blended from materials with known ecotoxicological data and hazard classification (RIFM). In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact on vulnerable parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards and treated in consequence with all possible precaution.</p> <p>Aquatic life: Hazard statement: H411 Toxic to aquatic life with long lasting effects.</p> |
| 12:2 - Persistence & degradability | |
| Persistence & degradability | No additional data available |
| 12:3 - Bioaccumulative Potential | |


MATERIAL SAFETY DATA SHEET

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| Bioaccumulative Potential | Hazard statement: H411 Toxic to aquatic life with long lasting effects |
| 12:4 – Mobility in soil | |
| Mobility | No additional data available |
| 12:5 – Results of PBT and vPvB assessment | |
| PBT Assessment Results | This product does not contain any substances classified as PBT or vPvb/CMR |
| 12:6 Other adverse effects | |
| Precautions | No additional data available |


13. DISPOSAL CONSIDERATIONS

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| 13:1 Waste treatment methods | |
| Disposal Methods | The containers used for this product must be completely empty before disposal. Dispose product and /or contaminated packaging in accordance with federal, state and local environmental control regulations – dispose through the waste water is illegal. |

14. TRANSPORT INFORMATION

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|---------------------------------------|---|--|
| Warning Icon |  | |
| 14:1 – UN Number | | |
| UN No Road – ADR/RID/ADN | 3082 | |
| UN No Sea- IMDG | 3082 | |
| UN No Air – IATA | 3082 | |
| 14:2 – UN proper shipping name | | |
| Road – ADR/RID/ADN | Environmentally hazardous substance liquid N.O.S | |

MATERIAL SAFETY DATA SHEET

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| Sea- IMDG | Environmentally hazardous substance liquid N.O.S |
| Air - IATA | Environmentally hazardous substance liquid N.O.S |
| 14:3 – Transport Hazard class (es) | |
| Road – ADR/RID/ADN | 9- Miscellaneous dangerous substances and articles |
| Sea- IMDG | 9 |
| Air- IATA | 9 |
| 14:4 - Packaging group | |
| Road – ADR/RID/ADN | III |
| Sea- IMDG | III |
| Air - IATA | III |
| 14:5 – Environmental hazard | |
| Environmentally hazardous substance/ marine pollutant. | Environmentally Hazardous Substance/Marine Pollutant  |
| 14:6 - Special precautions for user | |
| Precautions | This product contains constituents that are flammable and dangerous for the environment – in case of pouring out, make sure to label new packaging accordingly, reproducing original label with relevant symbols |
| 14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code | |
| Hazchem code | Tariff Number 330290900 NCM (Mercosur) 33029019 |

MATERIAL SAFETY DATA SHEET

15. REGULATORY INFORMATION

| 15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture. | |
|---|--|
| EU Directives | Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments. |
| Statutory Instruments | The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716). |
| Approved Code of Practice | Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations |
| Guidance Notes | Workplace Exposure Limits EH40. CHIP for everyone HSG 108. |
| 15:2 Chemical Safety assessment | |
| Assessment information | A chemical assessment for this product has not been carried out. |

16. OTHER INFORMATION

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|--|---|---|
| Revision Date | 20.05.2016 | |
| Rev No/Repl, SDS Generated | 5 | |
| Risk Phrases in Full | No additional data available | |
| Hazard and or precautionary Statements in Full | H304 H315 H317 H411 P210 smoking P241 P262 P273 P280 | May be fatal if swallowed and enters airways. Causes skin irritation May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Keep away from heat/sparks/open flames/hot surfaces – no Use explosion proof electrical/ventilating/lighting/equipment Do not get in eyes, on skin or on clothing. Avoid release to the environment. Wear protective gloves/eye protection/face protection |

MATERIAL SAFETY DATA SHEET

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|-------------------|---|
| | <p>P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P303/361/353 If on skin (or hair): remove/take of immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P331 Do NOT induce vomiting.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with applicable regulations</p> |
| Other Information | None |

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.