


## MATERIAL SAFETY DATA SHEET

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

|  |                        |  |                   |            |               |
|--|------------------------|--|-------------------|------------|---------------|
| <b>1.1 Product Identifier</b>  |                        |  |                   |            |               |
| Product Name   |                        | Yarrow Oil   |                   |            |               |
| Biological Definition  |                        | Achillea Millefolium Oil is the essential oil obtained from the flowering herb of the Yarrow, <i>Achillea millefolium</i> L., Asteraceae |                   |            |               |
| INCI Name  |                        | Achillea Millefolium Oil   |                   |            |               |
| Synonyms & Trade Names   |                        | Milfoil oil  |                   |            |               |
| CAS-No   | 8022-07-9 / 84082-83-7 | EC No.   | - / 282-030-6     | EINECS No. | - / 282-030-6 |
| <b>1.2 Relative identified uses of the substance or mixture and uses advised against</b> |                        |  |                   |            |               |
| Cosmetics, aroma therapy, food, flavours   |                        |  |                   |            |               |
| <b>1.3 Details of the supplier of the safety data sheet</b>                              |                        |  |                   |            |               |
| NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR                   |                        |  |                   |            |               |
| <b>1.4 Emergency Tel. No.</b>  |                        |  | +44(0)1603 610883 |            |               |

### 02. HAZARDS IDENTIFICATION

|  |                                  |
|--|----------------------------------|
| <b>2.1 Classification of the substance or mixture</b>                              |                                  |
| The Full Text for all Hazard Statements is displayed in Section 16.                |                                  |
| Classification (EC 1272/2008)  |                                  |
| Flammable liquid   |                                  |
| <b>2.2 Label Elements</b>  |                                  |
| Label in accordance with (EC) No 1272/2008   |                                  |
| GHS02  |                                  |
|  |                                  |
| Signal Word  | Warning                          |
| Contains   | Contains no hazardous substances |
| <b>Hazard Statements</b>   |                                  |
| H226 Flammable Liquid and vapour   |                                  |

|  |
|--|
| <b>Precautionary Statements</b>  |
| <p>P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P235 Keep cool.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> |

## Supplementary Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303 IF ON SKIN (or hair):  
P353 Rinse skin with water/shower.  
P361 Remove/Take off immediately all contaminated clothing.  
P370 In case of fire:  
P378 Use ... for extinction.  
P403 Store in a well-ventilated place.  
P501 Dispose of contents/container to ...

## 2.3 Other Hazards

|                                     |                               |
|-------------------------------------|-------------------------------|
| 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. |

## 0.3 COMPOSITION/INFORMATION ON INGREDIENTS

|   |
|---|
| <b>3.1 Substances</b>   |
| <b>8.00% <math>\beta</math>-Pinene</b> Cas. No: 127-91-3, EC No: 204-872-5<br><br>Classification (EC 1272/2008); Danger, Flam. Liq. 3 – H226, Skin Sens. 1 – H317 , Asp Tox. 1 – H304, Aquatic Chronic 1 – H410 |
| <b>8.00% Sabinene</b> Cas. No. 3387-41-5, EC. 222-212-4<br><br>Classification (EC 1272/2008); Asp Tox. 1 – H304, Skin Sens. 1 – H317 , Aquatic Chronic 1 – H410   |

## 04. FIRST AID MEASURES

|              |  |
|--------------|--|
| <b>4.1</b>   | <b>Description of first aid measures</b>   |
| Inhalation   | Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.   |
| Ingestion    | Rinse mouth with water. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.  |
| Skin Contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.   |
| Eye Contact  | Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention if irritation continues. |
| <b>4.2</b>   | <b>Most important symptoms and effects, both acute and delayed</b>   |
|              | No additional data available.  |
| <b>4.3</b>   | <b>Indication of any immediate medical attention and special treatment needed</b>  |
|              | No additional data available.  |

## 05. FIRE-FIGHTING MEASURES

|  |
|--|
| <b>5.1 Extinguishing Media</b>                                       |
| Carbon dioxide (CO <sub>2</sub> ). Dry Chemical Powder. Sand.        |
| <b>Unsuitable extinguishing media:</b><br>Water. Water with full jet |
| <b>5.2 Special hazards arising from the product</b>                  |
| No additional data available   |
| <b>5.3 Advice for firefighters</b>                                   |
| Mount respiratory protective device.                                 |


## 06. ACCIDENTAL RELEASE MEASURES

|  |
|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b>   |
| Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.   |
| <b>6.2 Environmental Precautions</b>   |
| Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.  |
| <b>6.3 Methods and material for containment and cleaning up.</b>   |
| Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. Do not flush with water or aqueous cleansing agents. |
| <b>6.4 Reference to other sections</b>   |
| Sections 8 and 12  |

## 07. HANDLING AND STORAGE

|   |
|---|
| <b>7.1 Precautions for safe handling</b>  |
| Ensure good ventilation/exhaustion at the workplace. Do not smoke, drink, eat when using.<br>Keep away from sources of ignition. Protect against electrostatic charges. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b>   |
| Keep containers tightly sealed. Store in cool, dry conditions in well-sealed containers.<br>Keep away from heat. Keep away from sources of ignition - No smoking        |
| <b>7.3 Specific end use(s)</b>  |
| No additional data available.   |

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

|   |   |
|---|---|
| <b>8.1 Control parameters</b>   |   |
| No additional data available  |   |
| <b>8.2 Exposure controls</b>  |   |
| Protective Equipment  |   |
|  |   |
| Process Conditions  | Provide adequate ventilation.   |
| Engineering Measures  | No additional data available  |
| Respiratory Equipment   | Ensure area is well ventilated. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. |
| Hand Protection   | Wear protective gloves to avoid skin contact. .   |
| Eye Protection  | Wear tightly sealed safety goggles or face shield.  |
| Other Protection  | No additional data available.   |
| Hygiene Measures  | Good personal hygiene practices are always advisable, especially when working with chemicals / oils.  |
| Personal Protection   | Avoid contact with eyes and skin.   |
| Skin Protection   | Wear protective clothing to avoid skin contact. Take precautionary measures against static discharges   |
| Environmental Exposure Controls   | Avoid discharging into drainage water.  |

## 09. PHYSICAL AND CHEMICAL PROPERTIES

| <b>9.1 Information on basic physical and chemical properties</b> |                               |
|--|-------------------------------|
| Appearance   | Liquid                        |
| Colour   | Pale blue to blue.            |
| Odour  | Characteristic                |
| Relative Density   | 0.890 - 0.930 @ 20°C          |
| Flash Point (°C)   | 54.0                          |
| Refractive Index   | No additional data available. |
| 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  | Miscible or difficult to mix  |
| Auto-ignition temperature (°C)                                   | Product does not self-ignite  |

| <b>9.2 Other information</b>  |  |
|-------------------------------|--|
| No additional data available. |  |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>10.1 Reactivity</b>                       | No significant reactivity hazard under proper handling.       |
| <b>10.2 Chemical stability</b>               | Stable under the recommended handling and storage conditions. |
| <b>10.3 Possible hazardous reactions</b>     | No dangerous reactions known.                                 |
| <b>10.4 Conditions to Avoid</b>              | No additional data available.                                 |
| <b>10.5 Incompatible materials</b>           | No additional data available.                                 |
| <b>10.6 Hazardous Decomposition Products</b> | No additional data available.                                 |

## 11. TOXOLOGICAL INFORMATION

| <b>11.1 Information on toxicological effects</b> |                               |
|--|-------------------------------|
| Acute Toxicity                                   | No additional data available. |
| Skin corrosion / irritation                      | No additional data available. |
| Serious eye damage / irritation                  | No additional data available. |
| Respiratory or skin sensitisation                | 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. |
| Photo-toxicity                                   | No additional data available. |
| Other Information                                | No additional data available. |



## 12. ECOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>12.1 Toxicity</b>                           | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| <b>12.2 Persistence &amp; degradability</b>    | No additional data available  |
| <b>12.3 Bioaccumulation Potential</b>          | No additional data available  |
| <b>12.4 Mobility in soil</b>                   | No additional data available.   |
| <b>12.5 Results of PBT and vPvB Assessment</b> | No additional data available.   |
| <b>12.6 Other adverse effects</b>              | No additional data available.   |

## 13. DISPOSAL CONSIDERATIONS

|   |
|---|
| <b>13.1 Waste treatment methods</b>   |
| Do not release into the environment in large quantities. Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters. |

## 14. TRANSPORT INFORMATION

|   |  |
|---|--|
| <b>14.1 UN number</b>   |  |
| UN No. Road   | 1169   |
| UN No. SEA  | 1169   |
| UN No. AIR  | 1169   |
| <b>14.2 UN proper shipping name</b>   | Extracts, Aromatic, Liquid                           |
| <b>14.3 Transport hazard class(es)</b>  |  |
| ADR/RID/ADN Class:  | 3 Flammable Liquid                                   |
| ICAO Class/Division:  | 3  |
| IMDG Class:   | 3  |
| Transport Labels  |  |
|   |  |
| <b>14.4 Packing group</b>   |  |
| ADR/RID/ADN Packing group   | III Substances presenting low danger                 |
| IMDG Packing group  | III  |
| ICAO Packing group  | III  |
| <b>14.5 Environmental hazards</b>   | Environmentally Hazardous Substance/Marine Pollutant |
|  |  |
| <b>14.6 Special precautions for user</b>  | See sections 6-8                                     |
| <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b> | Not defined  |



## 15. REGULATORY INFORMATION

|             |   |
|-------------|---|
| <b>15.1</b> | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>   |
|             | <p>Statutory Instruments<br/>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes<br/>Workplace Exposure Limits EH40. CHIP for everyone HSG(108).<br/>EU Legislation<br/>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> |
| <b>15.2</b> | <b>Chemical safety assessment</b>   |
|             | No additional information available.  |

## 16. OTHER INFORMATION

|  |  |
|--|--|
| Hazard and/or Precautionary Statements in Full | H226 Flammable liquid and vapour.<br>H304 May be fatal if swallowed and enters airways.<br>H317 May cause an allergic skin reaction.<br>H410 Very toxic to aquatic life with long lasting effects. |
| Other Information                              | None.  |
| Revision Date                                  | 31/07/2015   |
| Reason for revision                            | Updated New Format SDS.  |
| Rev No/Repl, SDS Generated                     | 01   |

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