

## TECHNICAL DATA SHEET (TDS)

|                     |                     |
|---------------------|---------------------|
| <b>Product Name</b> | <b>SQUALANE OIL</b> |
| <b>Product Code</b> | PCO4149             |

|                          |   |
|--------------------------|---|
| <b>Extraction Method</b> | This product has predominantly the single constituent Squalane extracted from Olea Europaea (Olive) Fruit Oil |
| <b>Quality</b>           | 100% Pure and Natural   |

| <u>PROPERTIES</u>              | <u>SPECIFICATIONS</u>   |
|--------------------------------|---|
| <b>Appearance</b>              | Clear light yellow to amber colored liquid                    |
| <b>Odour</b>                   | Characteristic mild odour                                     |
| <b>Refractive Index</b>        | 1.430 - 1.495 @ 20°C  |
| <b>Specific Gravity (g/mL)</b> | 0.810 - 0.900 @ 20°C  |
| <b>Squalane Content</b>        | ≈ 65%   |
| <b>Moisture (%)</b>            | Maximum 0.1   |
| <b>Solubility</b>              | Soluble in cosmetic esters and fixed oils; Insoluble in water |

| <u>MICROBIAL ANALYSIS</u>                 | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> |
|---|-----------------------|------------------|
| <b>Aerobic Mesophilic Bacterial Count</b> | < 100 CFU/g           | ISO 21149        |
| <b>Yeast and Mould</b>                    | < 10 CFU/g            | ISO 16212        |
| <b>Candida albicans</b>                   | ABSENT / 1g           | ISO 18416        |
| <b>Escherichia coli</b>                   | ABSENT / 1g           | ISO 21150        |
| <b>Pseudomonas aeruginosa</b>             | ABSENT / 1g           | ISO 22717        |
| <b>Staphylococcus aureus</b>              | ABSENT / 1g           | ISO 22718        |

| <u>HEAVY METAL TESTS</u>          | <u>SPECIFICATIONS</u> | <u>STANDARDS</u> |
|-----------------------------------|-----------------------|------------------|
| <b>Lead: Pb (mg/kg or ppm)</b>    | < 10 ppm              | na               |
| <b>Arsenic: As (mg/kg or ppm)</b> | < 2 ppm               | na               |
| <b>Mercury: Hg (mg/kg or ppm)</b> | < 1 ppm               | na               |

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info@natureinbottle.com  www.natureinbottle.com

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### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

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