

## TECHNICAL DATA SHEET

Effective date: 04.2019  
Rev.1

### Coenzyme Q10

#### INFORMATION ON SUBSTANCE / MIXTURE

|                       |  |
|-----------------------|--|
| INCI                  | Squalane, Tocopheryl acetate, Ubiquinone   |
| Manufacturing process | Ubiquinone and Tocopheryl Acetate are dissolved in Squalane. The mixture is filtered |

#### TECHNICAL DATA

##### Physical parameters

|                          |                                |
|--------------------------|--------------------------------|
| Appearance               | Liquid, slightly viscous, oily |
| Color                    | Clear, orange                  |
| Odor                     | Characteristic                 |
| Relative density at 20°C | 0.810 – 0.830                  |
| Refractive index at 25°C | 1.452 – 1.460                  |
| Solubility               | Soluble in oil                 |

##### Composition

| Substance   | %     |
|---|-------|
| Ubiquinone<br>all-E-2-(3, 7, 11, 15, 19, 23, 27, 31, 35, 39- decamethyltetraconta-2,6, 10, 14, 18, 22, 26, 30, 34, 38-decaen-1-yl)-5, 6 dimethoxy- 3-methyl-1, 4-benzoquinone | 0.1-1 |
| Tocopheryl acetate<br>3, 4-dihydro-2, 5, 7, 8- tetramethyl-2-(4, 8, 12- trimethyltridecyl)-2H-1- benzopyran-6-yl acetate  | 1-5   |
| Squalane<br>2, 6, 10, 15, 19, 23- hexamethyltetracosane   | > 50  |

##### Biological parameters

|                                      |                |
|--------------------------------------|----------------|
| Total aerobic mesophilic plate count | < 100 cfu/ml   |
| Total Yeast/Moulds Count (TYMC)      | ≤ 100 CFU /ml  |
| Pseudomonas aeruginosa               | Absence in 1ml |
| Staphylococcus aureus                | Absence in 1ml |
| Candida albicans                     | Absence in 1ml |

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|                  |                |
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| Escherichia coli | Absence in 1ml |
|------------------|----------------|

#### LEGISLATION

|        |                                   |
|--------|-----------------------------------|
| EINECS | 206-147-9 / 231-710-0 / 203-825-6 |
| CAS    | 303-98-0 / 7695-91-2 / 111-01-3   |

#### TRANSPORT, STORAGE and SHELF LIFE

|                    |  |
|--------------------|--|
| Storage conditions | Unopened container protected from light in a clean place at a temperature between 15 and 25°C. Lower temperature can induce precipitates which can be re-dissolved by slightly stirring or shaking at 40°C. Keep package tightly closed. |
| Shelf Life         | 36 months under good storage conditions  |

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