

# Gin TONIQ®

## Technical Data Sheet

|                    |   |
|--------------------|---|
| Description        |   |
| INCI               | Saccharomyces/Barley Seed Ferment Filtrate & Glycerine.   |
| CTFA               | Saccharomyces/Barley Seed Ferment Filtrate & Glycerine.   |
| Production Process | Extract of Brewers Barley that has been fermented by Saccharomyces and distilled to remove Ethanol.                           |
| Description        | Barley grains are collected and milled, heated and fermented, the liquid is then removed and filtered before being distilled. |
| Properties         | Moisturising, soothing.   |
| Application        |   |
| Application        | All skincare and body care  |
| Dosage             | No restrictions, 1% recommended   |

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Specification                       |                                   |
| Appearance @ 20°C                   | Clear mobile liquid               |
| Odour                               | Characteristic malted grain odour |
| Appearance                          | Hazy pale brown liquid            |
| Density @ 20°C (g/cm <sup>3</sup> ) | 1.08 –1.12                        |
| pH                                  | 3-6                               |

|                        |   |
|------------------------|---|
| Typical Microbiology   |   |
| TVC                    | < 100 CFU/g   |
| Yeast & Mould          | < 10 CFU/g  |
| Impurities             |   |
| Sum of heavy metals    | < 10 ppm (Total). Antimony, Lead, Arsenic, Chromium, Cadmium, and Arsenic |
| Pesticides             | Free from OP and OC   |
| Additives              |   |
| Preservative           | None  |
| Others                 | N/A   |
| Solubility             |   |
| Water                  | Soluble   |
| Glycerine              | Soluble   |
| Ethanol                | Miscible  |
| Logistics              |   |
| Storage                | Dry, dark conditions below 25°C   |
| Shelf Life             | 18 months for unopened package  |
| Packaging              | HDPE Jerry Can  |
| Registrations          |   |
| Product                | Casn°<br>EINECSn°   |
| Country of Manufacture | UK  |
| Commodity              | 1302197000  |

| Product                       | Casn°     | EINECSn°  | Concentration | Classification |
|-------------------------------|-----------|-----------|---------------|----------------|
| Saccharomyces/<br>Barley Seed | -         | -         | 50%           | Humectant      |
| Glycerine                     | 8043-29-6 | 200-289-5 | 50%           | Humectant      |



|   |  |
|---|--|
| <b>Substance(s) potentially contained</b>             |  |
| <b>Cereals containing gluten and products thereof</b> | <b>&lt;50ppm</b>                       |
| <b>Milk and dairy products (incl. lactose)</b>        | <b>Not applicable</b>                  |
| <b>Nuts and nut products (incl. peanuts)</b>          | <b>Not applicable</b>                  |
| <b>Coconut and products thereof</b>                   | <b>Not applicable</b>                  |
| <b>Petrochemicals or petroleum derivatives</b>        | <b>Not applicable</b>                  |
| <b>Palm oil or palm oil derived</b>                   | <b>RSPO Palm derived Glycerine</b>     |
| <b>Cites listed</b>                                   | <b>Not applicable</b>                  |
| <b>In scope of Nagoya Protocol</b>                    | <b>No</b>                              |
| <b>Residual solvents</b>                              | <b>Not expected and not determined</b> |
| <b>Ethanol and denatured alcohol</b>                  | <b>Not expected and not determined</b> |
| <b>Formaldehyde and formaldehyde releasers</b>        | <b>Not expected and not determined</b> |
| <b>Acetaldehyde</b>                                   | <b>Not expected and not determined</b> |
| <b>Phthalates</b>                                     | <b>Not expected and not determined</b> |
| <b>Glycol ethers</b>                                  | <b>Not expected and not determined</b> |
| <b>1, 4-Dioxane</b>                                   | <b>Not expected and not determined</b> |
| <b>Free Amines</b>                                    | <b>Not expected and not determined</b> |
| <b>Nitrosamines</b>                                   | <b>Not expected and not determined</b> |
| <b>Acrylamide</b>                                     | <b>Not expected and not determined</b> |
| <b>Monomer residues</b>                               | <b>Not expected and not determined</b> |
| <b>Dioxin / PCB</b>                                   | <b>Not expected and not determined</b> |
| <b>Volatile Organic Compounds (VOC)</b>               | <b>Not expected and not determined</b> |
| <b>Polycyclic Aromatic Compounds (PAH(s))</b>         | <b>Not expected and not determined</b> |

| Statements     |  |
|----------------|--|
| TSE / BSE      | <b>This raw material is of vegetable origin. During production, storage and transport there is no contact with any bovine or other animal material and a cross contamination is excluded. Therefore the requirements of Comm. Dirc1999/82/EEC, CPMP/BWP/1230/98, are not applicable.</b>         |
| GMO            | <b>This raw material does not contain ingredients derived from GMO sources. However relevant thresholds for adventitious or technically unavoidable cross-contamination as laid down in 1829/2003/EC are accepted.</b>   |
| Animal testing | <b>This raw material has not been tested on animals for cosmetic purposes. The raw material is in compliance with the Article 18 of Cosmetic Regulation EC 1223/2009.</b>  |
| Allergens      | <b>The substances suspected to be allergenic and listed in Annex III of EC 1223/2009 are below detection limit.</b>  |
| Nano product   | <b>This raw material is not classified as nano-material (SCCS/1484/12)</b>   |
| CMR            | <b>Based on our actual knowledge of the production process, the raw materials, impurities and the equipment used we do not expect CMR substances 1A, 1B and 2 according to EC 1272/2008 Annex VI present in the product. The product is fully in compliance with Article 15 of EC 1223/2009.</b> |
| REACH          | <b>Exempt from REACH regulation according to Annex V, point 9 of EC 987/2008 (as composed of the natural, chemically non-modified, ingredients). Not classified as SVHC or candidate substance according to Annex XIV to the REACH Regulation.</b>   |
| Vegan          | <b>This raw material fulfils the requirements set by the Vegan Society and can be considered suitable for vegans.</b>  |
| Natural        | <b>ISO 16128: Natural Index 1 Natural Origin Index 1</b>   |
| Kosher / Halal | <b>Not certified but is either Kosher and/or Halal compliant</b>   |
| BDIH           | <b>Certifiable but not certified</b>   |
| SOIL           | <b>Raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard</b>  |

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