

## PRODUCT STATEMENTS

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| <b>Product Name</b>  | <b>Tumeric (Curcuma), Essential Oil</b>  |
| Product Code   | K0468  |
| INCI Listing   | Curcuma Longa Root   |
| Manufacturing Method                                       | O&3 can confirm Tumeric (Curcuma), Essential Oil is Steam Distilled.   |
| Origin   | O&3 can confirm that Tumeric (Curcuma), Essential Oil Origin is India.   |
| Pack Sizes   | 1kg, 5kg, 25kg, 200kg  |
| CAS Number   | 84775-52-0   |
| EINCS Number   | 283-882-1  |
| Customs Tariff Code  | 3301 29 41 00  |
| UN Number  | 1169   |
| The Oil Factor   | O&3 presents Curcuma (Turmeric), Essential Oil. Also known as Turmeric Oil, this herb root is harvest and steam distilled in India. It is predominantly used in India as a spice for local dishes but found its way on the personal care scene for its ability to fragrance a formulation due to its herbaceous yet woody aroma. Popular in Asian fragrances. It is rich in antioxidants & blends wonderfully with other woody essential oils. It is a good addition to any massage blend as its warms and soothes muscles to aid those aches & pains. |
| Functionality  | A popular Asian fragrance ingredient for its herbaceous yet woody aroma.<br>Rich in antioxidants.<br>Blends well with other woody type essential oils.<br>Works very well in a massage blend to soothe muscle aches & pains.   |
| REACH Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil supplied is exempt as per Annex IV & V according to EU regulations 1907/2006. This product is not chemically modified, it comes under derogation pursuant to EU regulation 987/2008, Annex II, #9. Hence registration is not required for this product. We can also confirm that none of the substances on the SVHC candidate list can be verified in a concentration of >0.1% in our product.   |
| Food Status  | O&3 can confirm that Tumeric (Curcuma), Essential Oil IS suitable for food application, only when the appropriate quantity/dilution is used. This material complies with European Food Regulations (i.e. 1881/2006). Please note, if you intend on using this product as a food ingredient we insist you email our Technical Team before doing so for our opinion on the dilution applied to your finished product.  |
| Cosmetic Status  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).  |
| Kosher   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is not Kosher Certified.   |
| Halal  | O&3 can confirm this product is NOT Halal certified, however it does not contain any animal derived product or ingredient.   |
| Calif Proposition 65                                       | O&3 can confirm to their best of their knowledge that Tumeric (Curcuma), Essential Oil does not contain any contaminants or bi-products known to the State of California that may cause cancer or reproductive toxicity as listed under proposition 65 State Drinking Water & Toxic Enforcement Act.   |
| Animal Testing   | O&3 can confirm that Tumeric (Curcuma), Essential Oil has not been Animal Tested for cosmetic purposes by or on behalf of the company, nor has any of its component parts named in the International Cosmetic Ingredient Dictionary & Handbook (11th Edition), 31st December 1990.   |
| Leaping Bunny  | O&3 can confirm that Tumeric (Curcuma), Essential Oil complies with the criteria of the Humane Cosmetics Standard & has not been tested or re-tested on animals for cosmetic purposes by or on behalf of O&3.  |
| Vegan  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is suitable for Vegans.  |
| BSE/TSE Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is not derived from Animal Origin, therefore a BSE/TSE statement is not applicable.  |
| GMO (IP) Status  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is not derived/produced from a raw material that has been genetically modified.  |
| Gluten Free  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is not derived from, neither does it contain any Gluten ingredients.   |
| Nanomaterials Status                                       | O&3 can confirm with reference to Tumeric (Curcuma), Essential Oil that NO Nanomaterials were added at any stage of the manufacturing/production process, in accordance with EU Cosmetics Regulation.  |
| Irradiation Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil has NOT been Irradiated during its production process.   |
| Residual Solvents  | O&3 can confirm that NO solvents or preservatives have been used in the production of Tumeric (Curcuma), Essential Oil.  |
| Microbiological & PAH Status & Heavy Metals & Pesticides   | O&3 can confirm that Tumeric (Curcuma), Essential Oil does not have a micro specification because the product was sterilized in the production process. We can confirm that there is no detectable amounts of pesticides. It is produced from natural raw material and complies within the limits of the oil-related requirements of European Regulation 1881/2006 regarding heavy metals, dioxins, dioxin-like PCBs, Benzo-a-pyrene & PAH.  |
| IFRA Status/Cert   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is NOT listed in the 47th Amendment of the IFRA Code of Practice, nor are any of its components.   |
| CMR Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is NOT classified as carcinogenic, mutagenic or toxic according to regulation 1272/2008.   |
| CITES Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is not endangered & therefore not applicable for CITES certification.  |
| Animal Testing   | O&3 can confirm that Tumeric (Curcuma), Essential Oil has not harmed or inflicted any cruelty on animals or people in its production process.  |
| HACCP & GMP Statement                                      | O&3 can confirm that Tumeric (Curcuma), Essential Oil has been produced under Good Manufacturing Practices (GMP) and a HACCP system.   |
| Organic  | Not applicable, Organic versions available on request.   |
| Product Status   | 5*   |
| Classification, Labelling & Packaging (CLP)                | O&3 can confirm that Tumeric (Curcuma), Essential Oil complies with Regulation (EC) No 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).  |
| Chloramphenicol Residue                                    | O&3 can confirm that Tumeric (Curcuma), Essential Oil is free from Chloramphenicol residues.   |
| Mycotoxins Status  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is compliant with the requirements of the Regulation (EC) N° 1881/2006. We can confirm this product is free from: Aflatoxins, Ergot alkaloids, Patulin, Alternaria toxins, Ochratoxin A, Fusarium toxins.  |
| Palm Status  | O&3 can confirm that palm oil has not been used in the process of manufacturing Tumeric (Curcuma), Essential Oil.  |
| Parabens Status  | O&3 can confirm that Tumeric (Curcuma), Essential Oil is free from Parabens.   |
| Alcohol Status   | O&3 can confirm that Tumeric (Curcuma), Essential Oil is free of Alcohol.  |
| Pyrrrolizidine Alkaloids Status                            | O&3 can confirm that Tumeric (Curcuma), Essential Oil is free from any Pyrrrolizidine Alkaloids.   |
| SVHC (Substances of Very High Concern) & Impurities Status | O&3 can confirm that Tumeric (Curcuma), Essential Oil is free from of SVHC and any impurities.   |

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.