



## IFRA STATEMENT

PRODUCT NAME: **CUMIN, ESSENTIAL OIL**

PRODUCT INCI: CUMINUM CYMINUM SEED OIL

PRODUCT CODE: K0591

O&3 CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

| Restricted Component | Cas No:   | % Level in Product | IFRA Standard |
|----------------------|-----------|--------------------|---------------|
| Limonene             | 5989-27-5 | ≤ 1.00             | Specification |
| Linalool             | 78-70-6   | ≤ 0.02             | Specification |
| Cuminaldehyde        | 122-03-2  | ≤ 42.0             | Restriction   |
| Cumin Oil            | 8014-13-9 | 100.00             | Restriction   |

### Additional comments:

**Flavour use consideration** - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice ([www.iofi.org](http://www.iofi.org)). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

The Standard is set due to the phototoxic effects of Cumin oil. For more detailed information on the application of this Standard, please refer to the note on phototoxic ingredients in chapter 1 of the Guidance for the use of IFRA Standards.

If the level of furocoumarins is unknown, the restriction level specified in this IFRA Standard applies. Combination effects of phototoxic ingredients are only taken into consideration for the furocoumarin-containing fragrance ingredients (extracts) listed in the IFRA Standard of Citrus oils and other furocoumarins containing essential oils.

If combinations of furocoumarin-containing phototoxic fragrance ingredients (extracts) are used, the use levels must be reduced accordingly. The sum of the concentrations of all furocoumarin-containing phototoxic fragrance ingredients (extracts), expressed in of their recommended upper concentration level in the consumer product shall not exceed 100.



| IFRA Category     | % Maximum Use Level |
|-------------------|---------------------|
| IFRA Category 1   | 0.2                 |
| IFRA Category 2   | 0.06                |
| IFRA Category 3   | 0.40                |
| IFRA Category 4   | 0.40                |
| IFRA Category 5A  | 0.29                |
| IFRA Category 5B  | 0.29                |
| IFRA Category 5C  | 0.29                |
| IFRA Category 5D  | 0.29                |
| IFRA Category 6   | 0.40                |
| IFRA Category 7A  | 2.29                |
| IFRA Category 7B  | 0.40                |
| IFRA Category 8   | 0.12                |
| IFRA Category 9   | 2.19                |
| IFRA Category 10A | 7.86                |
| IFRA Category 10B | 0.40                |
| IFRA Category 11A | 4.29                |
| IFRA Category 11B | 0.40                |
| IFRA Category 12  | Not restricted      |

| IFRA Category | Product Type                                                                                                                                                                                                                                                                                                                                                                     | Flavour Use | Phototoxicity                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------|
| Category 1    | Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.                                                                                                                                                                                                                                                                         | Yes         | Applicable (leave-on products) |
| Category 2    | Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)                                                                                                                                 | No          | Applicable (leave-on products) |
| Category 3    | Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer<br>Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes | No          | Applicable (leave-on products) |
| Category 4    | Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products                                          | No          | Applicable (leave-on products) |
| Category 5A   | Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin).<br>All powders and talc (excluding baby powders and talc).                                                                                                                                                                              | No          | Applicable (leave-on products) |
| Category 5B   | Facial toner. Facial moisturizers and creams                                                                                                                                                                                                                                                                                                                                     | No          | Applicable (leave-on products) |
| Category 5C   | (women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers                                                                                                                                                                                                                                                                              | No          | Applicable (leave-on products) |
| Category 5D   | Baby cream/lotion, baby oil, baby powders and talc.                                                                                                                                                                                                                                                                                                                              | No          | Applicable (leave-on products) |
| Category 6    | Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets                                                                                                                                                                                                                                                                                           | Yes         | Applicable (leave-on products) |

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|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------|
| Category 7A  | Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No | Applicable (leave-on products)                         |
| Category 7B  | Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave-on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No | Applicable (leave-on products)                         |
| Category 8   | Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No | Applicable (leave-on products)                         |
| Category 9   | Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NO | Applicable (rinse-off products)                        |
| Category 10A | Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water). | NO | Applicable (rinse-off products)                        |
| Category 10B | Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NO | Applicable (rinse-off products)                        |
| Category 11A | Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NO | Not applicable (leave-on products without UV exposure) |
| Category 11B | Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NO | Applicable (leave-on products)                         |
| Category 12  | Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).                               | NO | Not applicable (non-skin contact products)             |

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