



## IFRA CONFORMITY CERTIFICATE

Customer: GLOKAL KURUMSAL KOKU

Fragrance compound: GINGER FLOWER  
49383379

We certify that the above compound is in compliance with the Code of Practice of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-51, published 30 JUN 2023), provided it is used at a maximum concentration level of:

| Combined IFRA category (*) | Maximum level of use (%) (w/w) |
|----------------------------|--------------------------------|
| Category 1                 | 0.00                           |
| Category 2                 | 4.20                           |
| Category 3                 | 1.28                           |
| Category 4                 | 25.34                          |
| Category 5A                | 15.22                          |
| Category 5B                | 2.57                           |
| Category 5C                | 2.57                           |
| Category 5D                | 0.84                           |
| Category 7A                | 2.57                           |
| Category 7B                | 2.57                           |
| Category 8                 | 0.84                           |
| Category 9                 | 7.78                           |
| Category 10A               | 7.78                           |
| Category 10B               | 24.36                          |
| Category 11A               | 0.84                           |
| Category 11B               | 0.84                           |
| Category 12                | 100.00                         |

(\*) See annex for definition of combined IFRA categories.

IFRA Compliance above was assessed according to IFRA Standards and to IFRA Section 6 for general safety assessment:

- The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).
- IFRA Standards are set per product category, each covering a range of product types which can be grouped together based on risk assessment considerations. Groupings have been derived with the new approach of combining the QRA2, photo-toxicity and systemic toxicity assessment.
- The target of the RIFM Safety Assessments is humans and their safety while handling the finished consumer products. The categorization of some product categories such as pet products; only relates to the human exposure during the application of

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such products, not to the exposure of the product on the pet. As a consequence, the assessment of safety of such finished consumer products with regard to animals is outside the scope of IFRA/RIFM and is the responsibility of the manufacturer.

The creative perfumery procedures in Givaudan Fragrances ensure that Fragrance compounds are composed only of ingredients approved by the safety clearance procedure, and satisfy, according to the current state of knowledge, the safety requirements for the intended application under normal and reasonably foreseeable conditions of use.

While Givaudan maintains its IFRA Cat. 6 definition for "Fragrance", Givaudan recognizes that for applications such as mouthwash and toothpaste where incidental ingestion may occur, the customer may need to label their end product ingredient list (i.e. INCI) with "Flavor" instead of "Fragrance" as referenced in Givaudan's documentation. This is a decision that may be made by the customer, per their judgement, as the manufacturer of the end product.

For other kinds of application or use at higher concentration levels, a new safety evaluation may be needed; please contact Givaudan.

It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if need be.

### **Regulatory Affairs & Product Safety, Fragrance & Beauty**

This certificate is generated by calculation based on data for ingredients.

The data in this document has been prepared by Givaudan in accordance with Givaudan's internal protocols and procedures in order to evaluate characteristics and/or performance. Givaudan has in place a program of review and analysis for all relevant products. Information provided in this document is based on intentional addition of a substance or analytical assessment for presence of regulatory controlled chemical targets where applicable. Trace constituents or contaminants from a raw material manufacturing process are provided where there is a regulatory requirement to declare information. The information contained herein is, to the best of Givaudan's knowledge, true and accurate at the time it is given. It is provided to Customer for its information and internal use only. Givaudan is not liable for any damages that may result from the misuse of the data. It is Customer's responsibility to perform its own evaluations on the material evaluated herein, including with respect to end-use applications. Any Customer product, marketing or other claims are Customer's sole responsibility.

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## ANNEX: Definition of combined IFRA categories

| Finished product types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Combined IFRA category |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Children's toys // Lip products of all types (solid and liquid lipsticks, balms, clear or colored, etc...)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Category 1             |
| Deodorant and antiperspirant products of all types including fragranced body sprays and body mists                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Category 2             |
| Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) // Women's make-up (Foundation) // Make-up removers of all types // Nose pore strips // Wipes or refreshing tissues for face, neck, hands, body // Body and face paint (for children and adults) // Facial masks (facial treatment)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Category 3             |
| Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de toilette, Parfum, Eau de Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms) // Fragranced bracelets // Ingredients of perfume kits and fragrance mixtures for cosmetic kits // Scent pads, Foil packs // Scent strips for hydroalcoholic products                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Category 4             |
| Body creams, oils, lotions of all types (except baby cream, lotion, oil) // Foot care products (creams & powders) // Insect repellent intended to be applied on the skin // All powders and talcs (except baby powders and talcs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Category 5.A           |
| Facial creams, toner and moisturizers (including care products for beard and mustache), Aftershaves creams and balms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Category 5.B           |
| Hand cream // Nail care products (including cuticle creams, nail lacquer remover, etc.) // Hand sanitizers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Category 5.C           |
| Baby lotion, cream, oil, powder/talc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Category 5.D           |
| Mouthwash including breath sprays, tablets and strips // Toothpaste and toothpowder // excluding Dental Floss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Category 6             |
| Rinse-off hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Category 7.A           |
| Hair sprays of all types // Hair styling aids non sprays (mousse, gels, leave on conditioners) // Dry shampoo or waterless shampoo // Hair deodorant, hair perfume // Leave on hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Category 7.B           |
| Intimate wipes // Intimate deodorant spray // Tampons // Baby wipes // Wet toilet paper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Category 8             |
| Bar soap // Shampoo // Face washes, gels, scrubs // Conditioner (rinse-off) // Liquid soap // Body wash and shower gels // Bath gels, foams, mousses, salts, oils // Baby wash, bath, shampoo // Footcare products (feet are placed in a bath for soaking) // Shaving creams // Depilatory (including facial) // Waxes for mechanical hair removal // Shampoos for pets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Category 9             |
| Hand wash laundry detergent // Laundry pre-treatment (all types) // Hand dishwashing detergent // Hard surface cleaner (all types) // Machine Laundry detergents with skin contact (e.g. liquids, powders) // Toilet seat wipes // Fabric softeners of all types excluding fabric softener sheets // Other household cleaning products (fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes (sprays and wipes), leather cleaning wipes, starch sprays, stain removers, fabric enhancing sprays, treatment products for textiles including deodorizer) // Floor wax // Fragranced oil for lamp rings, reed diffusers, pot-pourri, etc... // Ironing water // Dry cleaning kits (involving manual application on the textile)                                                                                                                                                                                                                                                                                                                                                                                                                    | Category 10.A          |
| Air fresheners sprays, including aerosol and pump // Insecticides aerosol or sprays // Sprays (of all types) applied to animals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Category 10.B          |
| Feminine hygiene conventional pads, interlabial pads // Feminine hygiene liners // Diapers (baby and adult) // Adult incontinence pant, pad // Toilet paper (dry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Category 11.A          |
| Tights with moisturizers // Scented socks, gloves // Facial tissues (dry tissues) // Napkins // Paper towels // Wheat bags // Fragranced face masks (paper/protective, not intended for use as a medical device) // Pillow spray // Solid fertilizers (pellet or powder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Category 11.B          |
| Air delivery systems // Air Fresheners and fragrancing of all types (excluding aerosols listed in category 10), e.g. plug-ins and enclosed liquid refills, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, air freshening crystals, automated sprays (including concentrated aerosols with metered doses [range 0.05-0.5 mL/spray]), closed air fresheners // Candles of all types (including encased) // Cat litter // Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) // Dry cleaning kits (placed in the dryer) // Dryer sheets and fabric softener sheets // Fuels // Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosol/spray // Joss sticks or incense sticks // Laundry detergents with minimal skin contact (e.g. pods) // Machine dishwash detergent and deodorizer // Paints // Plastic articles (excluding toys) // "Scratch and sniff" (sampling technology) // Scent pack // Scent delivery system using a dry air technology // Shoe polishes // Toilet blocks // Toilet gel // Olfactive board games // Scent beads | Category 12            |

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