



IFRA CONFORMITY CERTIFICATE

Product: **ORANGE FLOWER AF 7217/19**

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION 48, provided it is used in the following class(es) at a maximum concentration level of:

IFRA classes [see annex for detail]	Maximum level of use (%)
Class 1.A	NO USE
Class 1.B	6.000
Class 2	8.000
Class 3.A	40.000
Class 3.B	40.000
Class 3.C	20.000
Class 3.D	20.000
Class 4.A	40.000
Class 4.B	40.000
Class 4.C	20.000
Class 4.D	20.000
Class 5	20.000
Class 6	NO USE
Class 7.A	16.000
Class 7.B	16.000
Class 8.A	20.000
Class 8.B	20.000
Class 9.A	20.000
Class 9.B	40.000
Class 9.C	40.000
Class 10.A	40.000
Class 10.B	40.000
Class 11.A	100.000
Class 11.B	100.000

For other kinds of application, please contact the supplier.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee. Evaluation of individual fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

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

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Maximum Pragmatic Level

Practical considerations require setting a default maximum level of the fragrance ingredients identified as dermal sensitizers for some product types. This pragmatic level is defined as that "not exceeding the usual concentration of the fragrance compound in the finished product".

These levels are indicated in the table below:

IFRA classes	Maximum Pragmatic Level (%)
IFRA Class 1	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 2	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 3	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 4	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 5	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 6	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 7	Not Necessary Acceptable Exposure Level derived from QRA
IFRA Class 8	2% The maximum concentration will not exceed 2% and may be lower if determined by the QRA.
IFRA Class 9	5% The maximum concentration will not exceed 5% and may be lower if determined by the QRA.
IFRA Class 10	2.5% The maximum concentration will not exceed 2.5% and may be lower if determined by the QRA.
IFRA Class 11	Due to the expected negligible skin exposure from such products the risk of induction of dermal sensitization through the normal formulation and use of such products is considered to be negligible. As such, the concentration of fragrance ingredient is not restricted in the finished product.

If the Acceptable Exposure Level (AEL) derived from the Quantitative Risk Assessment (QRA) for a fragrance ingredient in a specific product type is less than the concentration identified as the "Maximum Pragmatic Level", the AEL will take precedence and be applied.



ANNEX: Definition of IFRA Classes

IFRA Class	Finished Product Types
Class 1.A	Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, lip wax etc...)
Class 1.B	Waxes for mechanical hair removal
Class 2	Deodorant and Antiperspirant products of all types (pump spray, aerosol spray, stick, roll-on, under-arm and body etc...); Fragrance bracelets
Class 3.A	Hydroalcoholic products applied to recently shaved skin (EdT)
Class 3.B	Hydroalcoholic products applied to recently shaved skin (fine fragrance)
Class 3.C	Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body paint for children
Class 3.D	Tampons
Class 4.A	Hydroalcoholic Products applied to unshaved skin (EdT); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products
Class 4.B	Hydroalcoholic Products applied to unshaved skin (Fine Fragrance)
Class 4.C	Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc...); Body Creams, Oils, Lotions of all types (except baby creams, lotions, oils); Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body paint for adults
Class 4.D	Fragrancing Cream
Class 5	Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo
Class 6	Mouthwash, including Breath Sprays; Toothpaste
Class 7.A	Intimate Wipes; Baby Wipes
Class 7.B	Insect Repellent (intended to be applied to the skin)
Class 8.A	Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc.); Nail Care; Powders & Talcs (not including baby powders and talcs)
Class 8.B	Hair dyes
Class 9.A	Liquid Soap, Bar Soap (toilet soap); Depilatory (not including waxes for mechanical hair removal); Conditioner (rinse-off); Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); Body Washes of all types (including baby washes) and Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater
Class 9.B	Feminine hygiene-pads, liners; Wheat bags; Toilet Papers
Class 9.C	Facial tissues; Napkins; Paper Towels; 'Other' Aerosols (incl. air freshener sprays and pump sprays, but not deodorants/antiperspirants, hair styling aids spray and animal sprays)
Class 10.A	Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc.); Maschine Wash Laundry Detergents (liquids, powders, tablets, etc.), including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc.); Shampoos for pets; Dry cleaning kits
Class 10.B	Diapers; Toilet seat wipes
Class 11.A	All non-skin contact, including: Candles; Air Fresheners and Fragrancing of all types (concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery, ambient, electrical), excluding aerosol products; Air delivery systems; Liquid refills for air fresheners (cartridge systems); Fuels; Fragranced lamp ring; Insecticides (mosquito coil, paper, electrical, for clothing, etc.), excluding aerosols; Scent pack; Paints; Floor wax; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks, Incense; Maschine only Laundry detergent (e.g. liquid tabs); Plastic articles (excluding toys)
Class 11.B	All incidental skin contact, including: Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Shoe polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Machine dishwash detergent and deodorizers; Odored Distilled Water (that can be added to steam irons); Scratch and sniff (sampling technology); Cat litter; Animal sprays (all types); Infused socks; Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers)