

IFRA Certificate of Conformity for Ingredients/Bases

This data sheet cancels and replaces all previously issued sheets for this product.

CASCALONE® 920000 920000

This certificate provides information on the compliance of the above mentioned fragrance ingredient/base according to the Standards of the International Fragrance Association (IFRA), up to and including the 49th Amendment (published January 2020). This fragrance ingredient/base may also contain ingredient(s) that have been evaluated in accordance with the IFRA Guidance on Safety Evaluation of Fragrance Materials.

1. Maximum permitted concentration in the final product

These limits may not be valid if our fragrance ingredient/base is used in conjunction with other materials that also contain these restricted substances. The total concentrations in the final product of all restricted substances should be taken into account when determining the maximum concentration permitted by IFRA.

IFRA 49 Category	IFRA 49 Product Type	IFRA 49 Level of use
Category 1	<i>Products applied to the lips</i>	<i>Not Permitted</i>
Category 2	<i>Products applied to the axillae</i>	0.03%
Category 3	<i>Products applied to the face/body using fingertips</i>	0.60%
Category 4	<i>Products related to fine fragrance</i>	0.56%
Category 5A	<i>Body lotion products applied to the body using the hands (palms), primarily leave-on</i>	0.14%
Category 5B	<i>Face moisturizer products applied to the face using the hands (palms), primarily leave-on</i>	0.14%
Category 5C	<i>Hand cream products applied to the hands using the hands (palms), primarily leave-on</i>	0.14%
Category 5D	<i>Baby creams, baby oils and baby talc</i>	0.14%
Category 6	<i>Products with oral and lip exposure</i>	<i>Not Permitted</i>
Category 7A	<i>Rinse-off products applied to the hair with some hand contact</i>	1.14%
Category 7B	<i>Leave-on products applied to the hair with some hand contact</i>	1.14%
Category 8	<i>Products with significant ano-genital exposure</i>	0.05%
Category 9	<i>Products with body and hand exposure, primarily rinse-off</i>	1.09%
Category 10A	<i>Household care products with mostly hand contact (excluding aerosol/spray products)</i>	3.93%
Category 10B	<i>Household care products with mostly hand contact (household aerosol/spray products)</i>	3.93%
Category 11A	<i>Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure</i>	2.18%

Disclaimer: This Certificate provides restrictions for use of the specified product based on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard, as well as ingredient(s) that have been evaluated in accordance with the IFRA Guidance on Safety Evaluation of Fragrance Materials. This certificate does not provide certification of a comprehensive safety assessment of all product constituents.

IFRA 49 Category	IFRA 49 Product Type	IFRA 49 Level of use
Category 11B	<i>Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure</i>	2.18%
Category 12	<i>Other air care products not intended for direct skin contact, minimal or insignificant transfer to skin</i>	No Restriction

Please note that in some cases a fragrance ingredient/base can be banned only in Categories 1 and 6 while it is limited or free of use in other categories. This is due to the presence of one or several ingredients that are not Generally Recognized As Safe (GRAS). These will not be indicated in section 2.1. Peroxide levels are in compliance with IFRA and EU requirements.

2. Ingredients that are banned or limited by IFRA

Section 2.1 lists ingredients that are banned by IFRA either because they are banned outright or because they contain constituent substances (components of natural complex materials or impurities in synthetic fragrance materials) that exceed purity limits set by IFRA.

Section 2.2 lists ingredients or substances that are restricted by IFRA. In cases where section 2.1 indicates that the fragrance ingredient/base is banned by IFRA, we are still providing information on ingredients and substances that are subject only to quantitative limits as these may determine the limits of compliance once the banned ingredient has been removed.

For further information on the IFRA Standards relating to these ingredients, they can be found on www.ifraorg.org or by request from us.

2.1. Ingredients and substances banned by IFRA

<u>Name</u>	<u>CAS #</u>	<u>Quantity in fragrance ingredient/base</u>
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2.2. Ingredients and substances subject to limitations by IFRA

<u>Name</u>	<u>CAS #</u>	<u>Quantity in fragrance ingredient/base</u>
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3. Substances, which may have some potential to form nitrosamines in the presence of nitrosating systems

NONE

Please contact us for clarification or in case any restrictions are potentially problematic for compliance.

APPENDIX FOR IFRA 49 CATEGORIES

<u>Category</u>	<u>Description</u>
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Category	Description
1	Children's toys — Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)
2	Body sprays (including body mist) — 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.)
3	Body and face paint (for children and adults) — Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer — Facial make up and foundation — Facial masks for face and around the eyes — Make-up remover for face and eyes — Nose pore strips — Wipes or refreshing tissues for face, neck, hands, body
4	Fragranced bracelets — Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.) — Ingredients of perfume kits and fragrance mixtures for cosmetic kits — Scent pads, foil packs — Scent strips for hydroalcoholic products
5A	All powders and talc (excluding baby powders and talc) — Body creams, oils, lotions of all types — Foot care products (creams and powders) — Insect repellent (intended to be applied to the skin)
5B	Facial moisturizers and creams — Facial toner
5C	Hand cream — Hand sanitizers — Nail care products including cuticle creams, etc.
5D	Baby cream/lotion, baby oil, baby powders and talc
6	Mouthwash, including breath sprays — Toothpaste — Toothpowder, strips, mouthwash tablets
7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
7B	Hair deodorizer — Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes — Hair sprays of all types (pumps, aerosol sprays, etc.) — Hair styling aids non sprays (mousse, gels, leave-on conditioners) — Shampoo-Dry (waterless shampoo)
8	Baby wipes — Intimate wipes — Tampons — Toilet paper (wet) — Condoms
9	All depilatories (including facial) and waxes for mechanical hair removal — Baby wash, bath, shampoo — Bar soap — Bath gels, foams, mousses, salts, oils and other products added to bathwater — Body washes and shower gels of all types — Cleanser for face (rinse-off) — Conditioner (rinse-off) — Foot care products (feet are placed in a bath for soaking) — Liquid soap — Shampoo of all type — Shampoos for pets — Shaving creams of all types (stick, gels, foams, etc.)
10A	Dry cleaning kits — Fabric softeners of all types including fabric softener sheets — Floor wax — Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. — Hand dishwashing detergent (including concentrates) — Hand wash laundry detergent (including concentrates) — Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) — 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) — Ironing water (Odorized distilled water) — Laundry pre-treatment of all types (e.g. paste, sprays, sticks) — Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates — Toilet seat wipes
10B	Aerosol/spray insecticides — Air freshener sprays, manual, including aerosol and pump — Animal sprays – sprays applied to animals of all types
11A	Adult incontinence pant, pad — Diapers (baby and adult) — Feminine hygiene conventional pads, liners, interlabial pads — Toilet paper (dry)
11B	Facial masks (paper/protective) e.g. surgical masks not used as medical device — Facial

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Category	Description
12	tissues (dry tissues) — Fertilizers, solid (pellet or powder) — Napkins — Paper towels — Scented socks, gloves — Tights with moisturizers — Wheat bags Air delivery systems — 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) — Candles of all types (including encased) — Cat litter — Cell phone cases — Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) — Dishwash detergent and deodorizers – for machine wash — Fuels — Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays — Joss sticks or incense sticks — Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods) — Olfactive board games — Paints — Plastic articles (excluding toys) — Rim blocks (Toilet) — Scent delivery system (using dry air technology) — Scent pack — Scratch and sniff — Shoe polishes

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