

IFRA-Conformity Certificate

Saddle Brook, 22-Sep-2023
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Identity of the product :

Name : CITRONITRILE
Code No.: 611455

The referenced product is in compliance with the published Code of Practice of the International Fragrance Association (up to and including IFRA - 51st amendment / published in June, 2023) provided that it is used in the following IFRA Application/s at a maximum concentration level of:

Application	Application is part of IFRA Category (see annex for detail)	Maximum level of use acc. to IFRA Code of Practice
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)	1	prohibited
Children's toys	1	prohibited
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.)	2	0,0062 %
Body sprays (including body mist)	2	0,0062 %
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer	3	0,12 %
Facial make up and foundation	3	0,12 %
Make-up remover for face and eyes	3	0,12 %
Nose pore strips	3	0,12 %
Wipes or refreshing tissues for face, neck, hands, body	3	0,12 %
Body and face paint (for children and adults)	3	0,12 %
Facial masks for face and around the eyes	3	0,12 %
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.)	4	0,12 %
Hydroalcoholic and non-hydroalcoholic fine fragrance – aftershaves of all types (except creams and balms)	4	0,12 %
Fragranced bracelets	4	0,12 %
Ingredients of perfume kits and fragrance mixtures for cosmetic kits	4	0,12 %
Scent pads, foil packs	4	0,12 %
Scent strips for hydroalcoholic products	4	0,12 %
Body creams, oils, lotions of all types	5.A	0,02 %
Foot care products (creams and powders)	5.A	0,02 %
Insect repellent (intended to be applied to the skin)	5.A	0,02 %
All powders and talc (excluding baby powders and talc)	5.A	0,02 %
Facial toner	5.B	0,02 %
Face moisturizers and creams (including care products for beard and mustache)	5.B	0,02 %
Hand cream	5.C	0,02 %
Nail care products including cuticle creams, nail lacquer remover, etc.	5.C	0,02 %
Hand sanitizers	5.C	0,02 %
Baby cream/lotion, baby oil, baby powders and talc NON SPRAY	5.D	0,0097 %
Toothpaste	6	prohibited
Toothpaste Baby	6	prohibited
Mouthwash	6	prohibited
Breath Sprays	6	prohibited
Toothpowder, strips, mouthwash tablets	6	prohibited
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	7.A	0,24 %
Hair sprays of all types (pumps, aerosol sprays, etc.)	7.B	0,24 %
Hair styling aids non sprays (mousse, gels, leave-on conditioners)	7.B	0,24 %
Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes	7.B	0,24 %
Shampoo - Dry (waterless shampoo)	7.B	0,24 %
Hair deodorizer, hair perfume	7.B	0,24 %
Intimate wipes	8	0,0097 %
Intimate deodorant spray	8	0,0063 %
Tampons	8	0,0097 %
Baby wipes	8	0,0097 %
Toilet paper (wet)	8	0,0097 %
Bar soap	9	0,23 %
Shampoo of all types	9	0,23 %
Cleanser for face (rinse-off)	9	0,23 %

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Conditioner (rinse-off)	9	0,23 %
Liquid soap	9	0,23 %
Body washes and shower gels of all types	9	0,23 %
Baby wash, bath, shampoo	9	0,23 %
Bath gels, foams, mousses, salts, oils and other products added to bathwater (such as bath bombs)	9	0,23 %
Foot care products (feet are placed in a bath for soaking)	9	0,23 %
Shaving creams of all types (stick, gels, foams, etc.)	9	0,23 %
All depilatories (including facial) and waxes for mechanical hair removal	9	0,23 %
Shampoos for pets	9	0,23 %
Hand wash laundry detergent (including concentrates)	10.A	0,81 %
Laundry pre-treatment of all types (e.g. paste, sprays, sticks)	10.A	0,81 %
Hand dishwashing detergent (including concentrates)	10.A	0,81 %
Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)	10.A	0,81 %
Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates	10.A	0,81 %
Dry cleaning kits (involving manual application on the textile)	10.A	0,81 %
Toilet seat wipes	10.A	0,81 %
Fabric softeners of all types excluding fabric softener sheets	10.A	0,81 %
Household cleaning products including other cleaning product types, for more detailed information please look into the attached Appendix	10.A	0,81 %
Floor wax	10.A	0,81 %
Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.	10.A	0,81 %
Ironing water (Odorized distilled water)	10.A	0,81 %
Animal sprays – sprays applied to animals of all types	10.B	0,81 %
Air freshener sprays, manual, including aerosol and pump	10.B	0,81 %
Aerosol/spray insecticides	10.B	0,81 %
Feminine hygiene conventional pads, liners, interlabial pads	11.A	0,0097 %
Baby diapers	11.A	0,0097 %
Incontinence pant, pad	11.A	0,0097 %
Toilet paper (dry)	11.A	0,0097 %
Tights with moisturizers	11.B	0,0097 %
Scented socks, gloves	11.B	0,0097 %
Facial tissues (dry tissues)	11.B	0,0097 %
Napkins	11.B	0,0097 %
Pillow spray	11.B	0,0097 %
Paper towels	11.B	0,0097 %
Wheat bags	11.B	0,0097 %
Facial masks (paper/protective) e.g. surgical masks not used as medical device	11.B	0,0097 %
Fertilizers, solid (pellet or powder)	11.B	0,0097 %
Candles of all types (including encased)	12	65,00 %
Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods)	12	65,00 %
Automated air fresheners and fragrancing of all types, for more detailed information please look into the attached Appendix	12	65,00 %
Air delivery systems	12	65,00 %
Cat litter	12	65,00 %
Cell phone cases	12	65,00 %
Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)	12	65,00 %
Dry cleaning kits (placed in the dryer)	12	0,83 %
Dryer sheets and fabric softener sheets	12	0,83 %
Fuels	12	65,00 %
Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays	12	65,00 %
Joss sticks or incense sticks	12	65,00 %
Dishwash detergent and deodorizers – for machine wash	12	65,00 %
Olfactive board games	12	65,00 %
Paints	12	65,00 %
Plastic articles (excluding toys)	12	65,00 %
Scratch and sniff	12	65,00 %
Scent pack	12	65,00 %
Scent delivery system (using dry air technology)	12	65,00 %
Shoe polishes	12	65,00 %
Rim blocks (toilet)	12	65,00 %
Scent beads	12	3,70 %

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The IFRA Standards regarding use restrictions are based on RIFM (Research Institute for Fragrance Materials) Safety Assessments approved by the Expert Panel for Fragrance Safety and verified by the IFRA Risk Management Task Force.

The referenced product bears no IFRA specification.

Symrise considers all aspects of the IFRA Guidelines and best practice relevant to the referenced product. The maximum use level is based on a safety assessment that considers currently available information, both external and internal, pertaining to raw materials and their properties in addition to any evaluation completed by IFRA.

It is the ultimate responsibility of our customers to ensure the safety of the final consumer product placed on the market.

Symrise IFRA certificates reference your specific briefed product application(s) as opposed to an IFRA Category. IFRA Category certificates are available upon request if the product specific certificate is not suitable for your use.

The following IFRA restricted materials are contained:

Cas-No	Substance	%
53243-59-7, 53243-60-0, 93893-89-1	3-Methyl-5-phenylpent-2-enenitrile	100,0000

According to the IFRA Code of Practice (as reported under the 44th Amendment), due to the potential for certain raw materials to form nitrosamines in nitrosating systems, the presence in the referenced product of any of these substances must be reported to the customer. In accordance with this requirement, we advise you that the referenced product does not contain any of the concerned materials as listed below*.

Date of creation : 22.09.2023
Generated by : Jonathan Penso
Qualification : GLOBAL REGULATORY AFFAIRS SCENT & CARE

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The information contained herein is, to the best of our knowledge, correct. Continued updates of raw material information may result in changes to supplied documentation.

This is a computer printout and has therefore not been signed by hand.

*Ingredients used by Symrise: Methyl N-methylantranilate (CAS# 85-91-6), p-Methyltetrahydroquinoline (CAS# 91-61-2), Isobutyl N-methylantranilate (CAS# 65505-24-0) and Methyl N-formylantranilate (CAS# 41270-80-8).

The contribution from the dissociation of the Schiff Bases has been taken into account for the following materials with IFRA Standards: alpha-Amyl cinnamic aldehyde, p-tert-Butyl-alpha-methylhydrocinnamic aldehyde (BMHCA), Benzaldehyde, Citral, Cinnamic aldehyde, Dimethylcyclohex-3-ene-1-carbaldehyde (Triplal), alpha-Hexyl cinnamic aldehyde, Hydroxycitronellal, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (HMPCC or Lyril), 4-Methoxy-a-methylbenzenepropanal (Canthoxal or Fennaldehyde) and a-Methyl-1,3-benzodioxole-5-propionaldehyde (MMDHCA or Helional).

ANNEX: Definition of IFRA Categories 51st Amendment

Finished product types / Applications	IFRA Category
- Lip products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) - Children's toys	Category 1
- 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, deocologne, etc.) - Body sprays (including body mist)	Category 2
- 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 - 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	Category 3
- Hydroalcoholic and non hydroalcoholic 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 hydroalcoholic products	Category 4
- Body creams, oils, lotions of all types - Foot care products (creams & powders) - Insect repellent (intended to be applied to the skin) - All powders and talc (excluding baby powders and talc)	Category 5.A
- Facial toner - Facial moisturizers and creams	Category 5.B
- Hand cream - Nail care products including cuticle creams, etc. - Hand sanitizers	Category 5.C
Baby cream/lotion, baby oil, baby powders and talc	Category 5.D
- Toothpaste - Mouthwash, including breath sprays - Toothpowder, strips, mouthwash tablets	Category 6
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	Category 7.A
- 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	Category 7.B
- Intimate wipes - Tampons - Baby wipes - Toilet paper (wet)	Category 8
- Bar soap - Shampoo of all type - Cleanser for face (rinse-off) - Conditioner (rinse-off) - Liquid soap - Body washes and showers 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	Category 9

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- 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 all air fresheners (non-cartridge systems), etc. - Ironing water (Odorized distilled water)	Category 10.A
- Animal sprays - sprays applied to animals of all types - Air freshener sprays, manual, including aerosol and pump - Aerosol/spray insecticides	Category 10.B
- Feminine hygiene conventional pads, liners, interlabial pads - 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 - Facial masks (paper/protective) e.g. surgical masks not used as medical device - Fertilizers, solid (pellet and powder)	Category 11.B
- 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 - Dishwash 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)	Category 12