

IFRA CONFORMITY CERTIFICATE

Essential Oil

Product: **MANDARIN RED OIL**

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published June 2015), provided it is used in the following class(es) at a maximum concentration level of:

IFRA class(es)	Maximum Level of use (%)	IFRA class(es)	Maximum Level of use (%)
Category 1	20.0	Category 6	100.0
Category 2	20.0	Category 7A	50.0
Category 3A	20.0	Category 7B	20.0
Category 3B	20.0	Category 8A	20.0
Category 3C	20.0	Category 8B	100.0
Category 3D	100.0	Category 9A	100.0
Category 4A	20.0	Category 9B	100.0
Category 4B	20.0	Category 9C	100.0
Category 4C	20.0	Category 10A	100.0
Category 4D	20.0	Category 10B	100.0
Category 5	20.0	Category 11	100.0

Regulated Substance	Max Concentration (%)	Limiting Substance
Geraniol	0.2	No
Citral (Geraniol & Neral)	0.2	Yes
Citronellol	0.2	No
Linalool**	0.50	No
Limonene**	95.00	No
Furocoumarines (5-MOP)*	0.0003	No
Perilla aldehyde	0.1	Yes
Methyl N-methylantranilate	0.5	Yes

Maximum peroxide level should be less than 20mmol/Litre**

The essential oil of Mandarin Red Oil is not impacted by the IFRA code for its use in perfuming compositions however, the components listed above are impacted.

In those cases, where Mandarin Red Oil is used in combination with other phototoxic* ingredients, the cumulative effect has to be taken into consideration and the use levels have to be reduced accordingly. Essential Oils containing substantial amounts of Limonene** and Linalool** should only be used when the level of peroxide is kept to the lowest practical level by the addition on antioxidants in production.

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.

The stated use levels relate to this specific material alone and may not be valid when used in combination with other restricted materials. 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.

ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream Men's Facial Creams and Balms	Class 3.C
Tampons	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range) Ingredients of Perfume Kits Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues)	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range)	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils) Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body	Class 5
Mouthwash, Toothpaste	Class 6
Intimate Wipes; Baby Wipes	Class 7 A
Insect Repellent (intended to be applied to the skin)	Class 7 B
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 All Powders & Talcs (including baby powders and talcs)	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; 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) Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray)	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) Dry Cleaning Kits Fabric Softeners of all types including fabric softener sheets Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...) Shampoos for pets	Class 10.A
Diapers Toilet seat wipes	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs) Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder) Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons)	Class 11.B