



NHR ORGANIC OILS
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IFRA 51 Conformity Certificate

Organic Dwarf Pine Needle Essential Oil

(Pinus mugo)

We certify that the above product is in compliance with the Standards of the International Fragrance Association (IFRA - 51st amendment, published June 2023), provided it is used in the following category(ies) at a maximum concentration level of :

IFRA Categories / Catégories IFRA		MAX. USE LEVEL % % Maximal d'utilisation
1 *	Products applied to the lips / Produits appliqués sur les lèvres	6,603
2	Products applied to the axillae / Produits appliqués sur les aisselles	1,933
3	Products applied to the face/body using fingertips / Produits appliqués sur le visage/corps du bout des doigts	26,250
4	Products related to fine fragrance / Produits liés à la Parfumerie fine	36,320
5A	Body lotion products applied to the body using the hands (palms), primarily leave on / Produits de lotion pour le corps appliqués sur le corps à l'aide des mains (paumes), principalement non rincés	9,433
5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on / Produits hydratants pour le visage appliqués sur le visage à l'aide des mains (paumes), principalement non rincés	9,433
5C	Hand cream products applied to the hands using the hands (palms), primarily leave on / Produits de crème pour les mains appliqués sur les mains en utilisant les mains (paumes), principalement non rincés	9,433
5D	Baby Creams, baby Oils and baby talc / Crème pour bébé, huiles pour bébé et talc pour bébé	3,160
6 *	Products with oral and lip exposure / Produits avec exposition orale et labiale	21,226
7A	Rinse-off products applied to the hair with some hand contact / Produits rincés appliqués sur les cheveux avec un certain contact avec les mains	26,250
7B	Leave-on products applied to the hair with some hand contact / Produits non rincés appliqués sur les cheveux avec un certain contact avec les mains	26,250
8	Products with significant anogenital exposure / Produits à exposition anogénitale importante	3,160
9	Products with body and hand exposure, primarily rinse off / Produits corps et mains, principalement rincés	70,754
10A	Household care products with mostly hand contact: Household care excluding aerosol/spray products / Produits d'entretien ménager avec contact principalement avec les mains à l'exclusion des produits aérosols et sprays	39,166
10B	Household care products with mostly hand contact: Household aerosol/spray products / Produits d'entretien ménager avec contact principalement avec les mains : produits aérosols et sprays	91,666
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure / Produits avec contact cutané prévu mais transfert minimal de parfum sur la peau sans exposition aux UV	3,160
11B	Products with intended skin contact but min. transfer of fragrance to skin from inert substrate with potential UV exposure / Produits avec contact cutané prévu mais transfert minimal de parfum sur la peau avec exposition aux UV	3,160
12	Products not intended for direct skin contact, minimal or insignificant transfer to skin / Produits non destinés à un contact direct avec la peau	100,000

Please check the flavour status on the technical data sheet to confirm the percentage otherwise its usage is prohibited for that category (0%)

Recommendation: information about presence and concentration of IFRA restricted/prohibited materials in the fragrance compounds is as follows:

RESTRICTED MATERIAL(S) / MATIERE(S) RESTREINTE(S)		
Name	CAS Number	%
α-Cedrene	469-61-4	0,250
Citronellol	106-22-9	0,084
2-Hexenal	6728-26-3	0,021
Benzaldehyde	100-52-7	0,020
Cuminaldehyde	122-03-2	0,020
α-Asarone ((E)-2,4,5-Trimethoxypropen-1-yl benzene)	2883-98-9	0,003
Estragole	140-67-0	0,002
Perilla aldehyde (p-Mentha-1,8-dien-7-al)	2111-75-3	0,002
β-Thujone	1125-12-8	0,002
α-Thujone	546-80-5	0,002
Benzyl benzoate	120-51-4	0,002

PROHIBITED MATERIAL(S) / MATIERE(S) INTERDITE(S)
None / Aucune

Detection limit < 0.001%. The level of these substances is based on statistical analytical data and is not measured on each batch.

This certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This certificate does not provide certification of a comprehensive safety assessment of all product constituents.

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

The information above is given for guidance only. Although the greatest care has been taken to ensure its accuracy, changing regulations and individual product characteristics may require specification modifications or make it necessary to disclaim any warranty, expressed or implied, or liabilities.

It belongs to the user, under his responsibility, to ensure the conditions and possibilities of use of the product(s), in particular with regard to laws and regulations. It's important to remind that the certifications and the manufacturing practices and environment are related to the grade (food/non-food) of the products. In case of dispute relating to the information communicated pursuant to regulations, only regulations in force shall prevail.