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IFRA Conformity Certificate Organic Fir Douglas Essential Oil (*Pseudotsuga menziesii*)

Agro-alimentary Organic product certified by FR-BIO-01

IFRA B755
48th Amendment
Version 03.40

Created on : 02/11/2003

Modified on : 14/09/2015
Last update: 14/09/2015

The company NHR Organic Oils certifies that as far as they know, the ingredient of perfumery above listed, complies with the Standards or obligations of the Code of Practice of the International Fragrance Association (IFRA - 48th Amendment of 9 July 2015 and its modifications), provided it is used in the following application at a maximum concentration level (%) such as indicated in the table below (see the products affectations in appendix) :

TABLE OF PRODUCTS CATEGORIES

PRODUCTS CATEGORIES	MAXIMUM CONCENTRATION IN THE FINISHED PRODUCT (%)	PRODUCTS CATEGORIES	MAXIMUM CONCENTRATION IN THE FINISHED PRODUCT (%)
1	40,0000%	6	100,0000%
2	55,0000%	7A	100,0000%
3A	100,0000%	7B	100,0000%
3B	100,0000%	8A	100,0000%
3C	100,0000%	8B	100,0000%
3D	100,0000%	9A	100,0000%
4A	100,0000%	9B	100,0000%
4B	100,0000%	9C	100,0000%
4C	100,0000%	10A	100,0000%
4D	100,0000%	10B	100,0000%
5	100,0000%	11	100,0000%

NB : 1000 ppm = 0,1000% ; 100 ppm = 0,0100% ; 10 ppm = 0,0010% ; 1 ppm = 0,0001%

This essential oil of DOUGLAS PINE needle France Organic is impacted by the IFRA code for its use in perfuming compositions, as well as some of its components:

RESTRICTED SUBSTANCES

REGULATED SUBSTANCES IN THIS INGREDIENT	MAXIMUM CONCENTRATION IN THIS INGREDIENT	LIMITING SUBSTANCES IN THIS INGREDIENT	CRITICAL EFFECT
CITRONELLOL	2,0000%	YES	SENSITIZATION
GERANIOL	0,5000%	NO	SENSITIZATION

SUBSTANCES SUBJECTED TO SPECIFICATION

REGULATED SUBSTANCES IN THIS INGREDIENT	COMMENTS	CRITICAL EFFECT
PINACEA DERIVATIVES	LIMIT PEROXIDE LEVEL TO 10 MMOL/L	SENSITIZATION

COMMENTS

- For the classes 1A and 6, because of a possible ingestion, it is advised to make sure of the alimentary nature of the ingredient:
 - For Europe, this essential oil of DOUGLAS PINE needle France Organic does not have a n°CoE (no n° CoE)
 - For all the other countries, this essential oil of DOUGLAS PINE needle France Organic does not have a n°FEMA (no FEMA, must be GRAS - Generally Recognized As Safe)

 - For the classes 1, 2, 3A, 3B, 3C, 4A, 4B, 4C, 4D, 5, 7B, 8A, 9C, it is advised to make sure of the possible phototoxicity of the ingredient:
 - This essential oil of DOUGLAS PINE needle France Organic does not present a phototoxic effect
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This certificate only relates to the material as referenced hereabove, which only represents a part of final product. It should not be construed in any way as providing exemption to a manufacturer using it, from his own responsibilities and obligations.

The evaluation of the individual components was carried out according to the security standards of the IFRA Code of Practice. The IFRA recommendations regarding the use restrictions are based on safety assessments by the panel of expert of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA committee. It is the ultimate responsibility of the customer to ensure the safety of the final product (containing this ingredient of perfumery) by further testing if need be.

ANNEX

PRODUCTS CATEGORIES	
1	Lip Products of all types (solid and liquid lipsticks, balms, clear etc.) / Children's Toys
2	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 and body spray, etc.) / Nose Pore Strips / Fragranced Bracelets
3A	Hydroalcoholic Products applied to recently shaved skin (includes After Shave) - (Eau de toilette)
3B	Hydroalcoholic Products applied to recently shaved skin (includes After Shave) - (Fine fragrance)
3C	Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care / Men's Facial Creams and Balms / Baby Creams, Lotions, Oils / Body Paint for Children
3D	Tampons
4A	Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne - (Eau de toilette) / Ingredients of Perfume Kits - (Eau de toilette) / Scent Pads, Foil packs - (Eau de toilette) / Scent Strips for hydroalcoholic products - (Eau de toilette)
4B	Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Eau de Parfum or Parfum - (Fine Fragrance)
4C	Hair Styling Aids Sprays of all types (pumps, aerosols sprays, etc.) / Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils) / Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae / Fragrance Compounds for Cosmetic Kits / Foot Care Products / Hair deodorant / Body Paint (except those for children)
4D	Fragrancing cream / Solid perfumes
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
6	Mouthwash, including Breath Sprays / Toothpaste
7A	Intimate Wipes / Baby Wipes
7B	Insect Repellent (intended to be applied to the skin)
8A	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 and talcs, all types (except baby powders and talcs)
8B	Hair Dyes
9A	Conditioner (Rinse-Off) / Liquid Soap / 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.) / All Depilatories (including waxes for mechanical hair removal) / Body Washes of all types (including baby washes) and Shower Gels of all types / Bar Soap (Toilet Soap) / Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater
9B	Feminine hygiene - pads, liners / Toilet paper / Wheat bags
9C	Facial tissues / Fragranced Face Masks (not intended to be used as medical device) / Napkins / Paper towels / Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays)
10A	Handwash Laundry Detergents of all types including concentrates / Fabric Softeners of all types including fabric softener sheets / Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.) / Machine 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 / Scented gloves, socks, tights with moisturizers
10B	Diapers / Toilet seat wipes
11	All non-skin contact or incidental skin contact including: Candles / Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical) / Air Delivery Systems / Cell phone cases / Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers / Liquid refills for air fresheners (cartridge systems) / Shoe Polishes / Deodorizers, Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) / Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols / 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 or Incense Sticks / Machine Dishwash Detergent and Deodorizers / Machine-only Laundry Detergent (e.g. liquitabs) / Plastic articles (excluding toys) / Fuels / Fragranced lamp ring / Scent pack / Scratch and Sniff (sampling technology) / Paints / Cat litter / Animal sprays (all types) / Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) / Floor wax / Odored Distilled Water (that can be added to steam irons)

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This sheet has been updated on 14/09/2015

Number of pages : 2

Printed on : 07/10/2015

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