



NHR ORGANIC OILS
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IFRA 51 Conformity Certificate **Organic Black Spruce Essential Oil** *(Picea mariana)*

CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

This certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

SCOPE OF THE CERTIFICATE:

Product: Black spruce essential oil, Organic, Canada

Compulsory information:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51 Amendment to the IFRA Code of Practice (published June, 2023) provided it is used in the following class(es) at a maximum concentration level of:

IFRA Category(ies) [see Table 10 in Guidance for the use of IFRA Standards for details]	Level of use (%)*	Product application
Category 1	90 %	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	28 %	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 3	26.66666667 %	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 4	100 %	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 5A	79.16666667 %	Body creams, oils, lotions of all types Foot care products (creams and powders) Insect repellent (intended to be applied to the skin) All powders and talc (excluding baby powders and talc)
Category 5B	26.66666667 %	Facial toner Facial moisturizers and creams
Category 5C	13.33333333 %	Hand cream Nail care products including cuticle creams, etc. Hand sanitizers
Category 5D	4.41666667 %	Baby cream/lotion, baby oil, baby powders and talc
Category 6	79.16666667 %	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	100 %	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	100 %	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 8	4.41666667 %	Intimate wipes Tampons Baby wipes Toilet paper (wet)

Category 9	100 %	<p>Bar soap</p> <p>Shampoo of all type</p> <p>Cleanser for face (rinse-off)</p> <p>Conditioner (rinse-off)</p> <p>Liquid soap</p> <p>Body washes and shower gels of all types</p> <p>Baby wash, bath, shampoo</p> <p>Bath gels, foams, mousses, salts, oils and other products added to bathwater</p> <p>Foot care products (feet are placed in a bath for soaking)</p> <p>Shaving creams of all types (stick, gels, foams, etc.)</p> <p>All depilatories (including facial) and waxes for mechanical hair removal</p> <p>Shampoos for pets</p>
Category 10A	100 %	<p>Hand wash laundry detergent (including concentrates)</p> <p>Laundry pre-treatment of all types (e.g.paste, sprays, sticks)</p> <p>Hand dishwashing detergent (including concentrates)</p> <p>Hard surface cleaners of all types (bathroom and kitchen</p>
		<p>cleansers,furniture polish, etc.)</p> <p>Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates</p> <p>Dry cleaning kits</p> <p>Toilet seat wipes</p> <p>Fabric softeners of all types including fabric softener sheets</p> <p>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)</p> <p>Floor wax</p> <p>Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.</p> <p>Ironing water (Odorized distilled water)</p>
Category 10B	100 %	<p>Animal sprays – sprays applied to animals of all types</p> <p>Air freshener sprays, manual, including aerosol and pump</p> <p>Aerosol/spray insecticides</p>
Category 11A	4.41666667 %	<p>Feminine hygiene conventional pads,liners, interlabial pads</p> <p>Diapers (baby and adult)</p> <p>Adult incontinence pant, pad</p> <p>Toilet paper (dry)</p>

Category 11B	4.41666667 %	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 or powder)
Category 12	100 %	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)

**Actual use level or maximum use level*

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact for this provision of service: NHR Organic Oils

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture (Black spruce essential oil, Organic, Canada) is as follows:

Materials under the scope of IFRA Standards	CAS-No.	Recommendation from IFRA Standard:	Concentration (%) in fragrance mixture or finished product
Citronellol	106-22-9 1117-61-9 141-25-3 26489-01-0 6812-78-8 68916-43-8 7540-51-4	Restricted	0.16

Thujone	546-80-5 471-15-8 76231-76-0 1125-12-8	Restricted	0.12
Longifolene	475-20-7 16846-09-6 19067-29-9	Restricted	0.13
Carvyl acetate	97-42-7 1205-42-1 1134-95-8	Restricted	0.19
Citronellyl acetate	150-84-5 67601-05-2 141-11-7	Restricted	0.14
Benzaldehyde	100-52-7	Restricted	0.05
Geraniol	106-24-1	Restricted	0.06
Eugenol	97-53-0	Restricted	0.01
Limonene	138-86-3 7705-14-8 5989-27-5 5989-54-8	Specification	5
Linalool	126-90-9 126-91-0 78-70-6	Specification	1