

IFRA 51st Amendment Listing - Black Pepper Essential Oil

CATEGORY	PRODUCTS	Percentage of Usage
1	Products applied to lips	Not restricted
2	Products applied to the axillae	Not restricted
3	Products applied to the face/body using fingertips	Not restricted
4	Products related to fine fragrances	Not restricted
5A	Products applied to the body using the hands (palms), primarily leave-on (Body lotion)	Not restricted
5B	Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer)	Not restricted
5C	Products applied to the hands using the hands (palms), primarily leave-on (Hand cream)	Not restricted
5D	Products applied to babies using the hands (palms), primarily leave on (Baby cream, oil, talc)	Not restricted
6	Products with oral and lip exposure	Not restricted
7A	Rinse-off products applied to the hair with some hand contact	Not restricted
7B	Leave-on products applied to the hair with some hand contact	Not restricted
8	Products with significant anogenital exposure, primarily rinse-off	2.0000%
9	Products with body and hand exposure, primarily rinse-off	5.0000%
10A	Household care products with mostly had contact (excluding aerosol/spray products)	2.5000%
10B	Household care products with mostly had contact (household aerosol/spray products)	2.5000%
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure	Not restricted
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	Not restricted
12	Other air care products not intended for direct skin contact, minimal or insignificant transfer to skin	Not restricted



The IFRA standards are based on assessments by the panel of experts of The Research Institute for Fragrance Materials.

It is the responsibility of customers to insure the safety of products manufactured by them.

EU Allergens, if any

Ingredient	CAS no	%
Beta-Caryophyllene	87-44-5	26.56
Limonene	5989-27-5; 5989-54-8; 138-86-3; 7705-14-8	15.21
Linalool	78-70-6	0.3400%

Pinene	80-56-8; 7785-70-8; 127-91-3; 18172-67-3	19.2800%
alpha-Terpinene	99-86-5	0.1500%
Terpineol	98-55-5; 138-87-4; 586-81-2; 8000-41-7	6.0000%
Terpinolene	586-62-9	0.47

Restricted Ingredient

alpa-Bisabolol	515-69-5	0.01
Limonene	138-86-3	15.21
Linalool	78-70-6	0.34