

## IFRA 51st Amendment Listing - Ginger Root Essential Oil

CATEGORY	PRODUCTS	Percentage of Usage
1	Products applied to lips	16.4180%
2	Products applied to the axillae	4.7760%
3	Products applied to the face/body using fingertips	14.9250%
4	Products related to fine fragrances	50.0000%
5A	Products applied to the body using the hands (palms), primarily leave-on (Body lotion)	22.3880%
5B	Products applied to the face using the hands (palms), primarily leave-on (Face moisturizer)	22.3880%
5C	Products applied to the hands using the hands (palms), primarily leave-on (Hand cream)	22.3880%
5D	Products applied to babies using the hands (palms), primarily leave on (Baby cream, oil, talc)	7.6120%
6	Products with oral and lip exposure	50.0000%
7A	Rinse-off products applied to the hair with some hand contact	29.8510%
7B	Leave-on products applied to the hair with some hand contact	29.8510%
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	7.6120%
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	7.6120%
12	Other air care products not intended for direct skin contact, minimal or insignificant transfer to skin	Not restricted

Shay & Company  
 THE RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS  
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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	%
Alpha-Terpinene	99-86-5	0.07000%
Camphor	76-22-2;	0.05000%
	464-49-3;	
	21368-68-3;	
	464-48-2	

Citral	5392-40-5; 141-27-5; 106-26-3	0.67000%
Citronellol	106-22-9; 26489-01-0; 1117-61-9; 7540-51-4	0.14000%
Farnesol	4602-84-0	0.20000%
Geraniol	106-24-1	0.17000%
Geranyl Acetate	105-87-3	0.25000%
Limonene	5689-27-5; 5989-54-8; 138-86-3; 7705-14-8	2.70000%
Linalool	78-70-6	0.28000%
Pinene	80-56-8; 7785-70-8; 127-91-3; 18172-67-3	3.34000%
Terpineol	98-55-5; 138-87-4; 586-81-2; 8000-41-7	0.36000%
Terpinolene	586-62-9	22.00000%

### Restricted Ingredient

Citral	5932-40-5	0.67000%
Citronellal	106-23-0	0.08
Citronellol	106-22-9	0.14000%
Citronellyl Acetate	150-84-5	0.06
Farnesol	4602-84-0	0.20000%
Geraniol	106-24-1	0.17000%
Limonene	138-86-3	2.70000%
Linalool	78-70-6	0.28000%
Toluene	108-88-3	0.02000%