



4951 Hamilton - Middletown Rd  
Liberty Township, Ohio 45011  
513-868-9425 FAX 513-868-5000

Created by: Regulatory Affairs Group

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## IFRA Certificate

IFRA Certificate 49th - All Limits  
Thunderstorm

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The Candlemakers Store certifies that the above mentioned fragrance product is in compliance with the standards of the International fragrance Association (IFRA), up to and including then 50th Amendment (June 21)), provided the fragrance is used in the following application(s) at the maximum concentration level(s):

Application		Maximum Usage Level %
<b>IFRA 49th Amendment</b>		<b>No Restriction</b>
<b>1</b>	Lip Products of all Types (Solid & Liquid) lipsticks, Balms & Wax (Clear or Colored)	NOT Allowed
<b>1</b>	Toys	NOT Allowed
<b>2</b>	Deodorant & Antiperspirant of all Types (Spray, Stick, Roll-On, Deo-Cologne & Body Spray)	3.05
<b>3</b>	Bodypaint (for children & adults)	9.55
<b>3</b>	Eye products of all types	9.55
<b>3</b>	Facial make up and foundation	9.55
<b>3</b>	Facial masks for face, lip & around the eyes	9.55
<b>3</b>	Make-up remover for face, eyes and lips	9.55
<b>3</b>	Nose pore strips	9.55
<b>3</b>	Wipes or refreshing tissues for face, neck, hands, body	3.51
<b>4</b>	Fine fragrance of all types (eau de toilette, parfum, cologne, solid perfume, fragrancing cream, etc.	27.34
<b>4</b>	Fragranced bracelets	27.34
<b>4</b>	Perfume kit fragrance ingredients/mixtures	27.34
<b>4</b>	Scent pads, foil packs	27.34
<b>4</b>	Scent strips for hydroalcoholic products	27.34
<b>5A</b>	All powders and talcs (excluding baby powders and talcs)	15.05
<b>5A</b>	Body creams, oils, lotions of all types	15.05
<b>5A</b>	Foot care products (creams & powders)	15.05
<b>5A</b>	Insect repellent (intended to be applied to the skin)	15.05
<b>5B</b>	Face Toner	15.05
<b>5B</b>	Facial moisturizer and creams	15.05
<b>5C</b>	Hand Cream	15.05
<b>5C</b>	Hand sanitizers	15.05
<b>5C</b>	Nail care products including cuticle creams, etc.	15.05
<b>5D</b>	Baby cream/lotion, baby oil, baby powders and talcs	15.05
<b>6</b>	Mouthwash, including breath sprays	0.00
<b>6</b>	Toothpaste	0.00
<b>7A</b>	Hair permanent or other hair chemical treatments (Rinse-off) (e.g. relaxers), including rinse-off hair dyes	4.38
<b>7B</b>	Hair Deodorizer	4.38

**7B**

Hair permanent or other hair chemical treatments (Leave-on) (e.g. relaxers), including Leave-On hair dyes

4.38



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Application		Maximum Usage Level %
<b>7B</b>	Hair sprays of all types (pumps, aerosol sprays, etc.)	4.38
<b>7B</b>	Hair styling aids Non-Sprays (mousse, gels, leave in conditioners)	4.38
<b>7B</b>	Shampoo - Dry (waterless shampoo)	4.38
<b>8</b>	Mouthwash, Including Breath Sprays	16.88
<b>8</b>	Baby Wipes	16.88
<b>8</b>	Intimate wipes	16.88
<b>8</b>	Tampons	16.88
<b>8</b>	Toilet Paper (wet)	16.88
<b>9</b>	All depilatories (including facial) and waxes for mechanical hair removal	29.12
<b>9</b>	Baby wash, bath, shampoo	29.12
<b>9</b>	Bar Soap	29.12
<b>9</b>	Bath gels, foams, mousses, salts, oils and other products added to bathwater	29.12
<b>9</b>	Body washes and shower gels of all types	29.12
<b>9</b>	Cleanser for face, eyes and lips	29.12
<b>9</b>	Conditioner (rinse-off)	29.12
<b>9</b>	Foot care products (feet are placed in a bath for soaking)	29.12
<b>9</b>	Liquid soap	29.12
<b>9</b>	Shampoo of all type	29.12
<b>9</b>	Shampoos for pets	29.12
<b>9</b>	Shaving creams of all types (stick, gels, foams, etc.)	29.12
<b>10A</b>	Dry cleaning kits	29.12
<b>10A</b>	Fabric softeners of all types including fabric softener sheets	29.12
<b>10A</b>	Floor wax	29.12
<b>10A</b>	Fragranced oil for lamp ring, reed diffusers, pot-pourri, etc.	29.12
<b>10A</b>	Hand dishwashing detergent (including concentrates)	29.12
<b>10A</b>	Hand wash laundry detergent (including concentrates)	29.12
<b>10.A</b>	Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)	21.10
<b>10.A</b>	Household cleaning products, leather cleaning wipes, stain removers, fabric enhancing sprays	21.10
<b>10.A</b>	Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays	21.10
<b>10.A</b>	Household cleaning products, treatment products for textiles (starch sprays, fabric treated with fragrances after wash, deodorizers)	21.10
<b>10.A</b>	Laundry pre-treatment of all types (e.g. paste, sprays, sticks)	21.10



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Application		Maximum Usage Level %
10.A	Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates	21.10
10.A	Odored distilled water (that can be added to steam irons)	21.10
10.A	Toilet seat wipes	21.10
10.B	Aerosol/spray insecticides	21.10
10.B	Air freshener sprays, including aerosol and pump	21.10
10.B	Sprays (of all types) applied to animals	21.10
11A	Adult incontinence pant, pad	1.00
11A	Diapers (baby & adult)	1.00
11A	Feminine hygiene conventional pads, liners, interlabial pads	1.00
11A	Toilet paper (dry)	1.00
11B	Facial masks (paper/protective) e.g. surgical masks not used as medical device	1.00
11B	Facial tissues (dry tissues)	1.00
11B	Fertilizers, Solid (pellet or powder)	1.00
11B	Napkins	1.00
11B	Paper towels	1.00
11B	Scented socks, gloves	1.00
11B	Tights with moisturizers	1.00
11B	Wheat bags	1.00
12	Air delivery systems	10.00
12	Air fresheners and fragrancing of all types (Concentrated Aerosol metered doses, plug-ins, closed systems, solid substrate)	10.00
12	Air fresheners and fragrancing of all types (incense, liquid refills (Cartridge), air freshening crystals)	10.00
12	Air fresheners and fragrancing of all types (membrane delivery, electrical, powders, fragrancing sachets)	10.00
12	Candles of all types (including encased)	10.00
12	Cat litter	10.00
12	Cell phone cases	10.00
12	Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)	10.00
12	Dishwash detergent and deodorizers - for Machine Wash	10.00
12	Fuels	10.00
12	Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays	10.00
12	Joss sticks or incense sticks	10.00



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12	Laundry detergents with minimal skin contact (e.g. liquid tabs, pods)	10.00
12	Olfactive Board Games	10.00
12	Paints	10.00
12	Plastic articles (excluding toys)	10.00
12	Rim blocks (Toilet)	10.00
12	Scent delivery systems (using dry air technology)	10.00
12	Scent pack	10.00
12	Scratch and Sniff	10.00
12	Shoe polishes	10.00

For all other applications, or use at a higher concentration level, a new evaluation will be required. The IFRA standards regarding use restrictions are based on safety assessments by the Research Institute for Fragrance Materials (RIFM) expert Panel (REXPAN), and are enforced by the IFRA Scientific Committee. Evaluation of individual fragrance materials is made according to safety standards contained in the relevant section of the IFRA Code of Practice. It is the ultimate responsibility of the customer to ensure the safety of the final product containing this fragrance, by further testing, if necessary. The above mentioned fragrance products contains ingredients which are NOT considered GRAS, Generally Regarded as Safe as a Flavor Ingredient.



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## EU Allergents Listing

SCCNFP & COLIPA lists adopted by EU Commission Directive 2003/15/EC

CAS	Ingredient RIFM or Common Name	Total Contents Percentage
127-51-5	alpha-iso-Methylionone	1.64
122-40-7	alpha-Amylcinnamic aldehyde (ACA)	0.51
101-85-9	alpha-Amylcinnamic alcohol	0.00
97-13-5	Anisyl alcohol	0.00
100-51-6	Benzyl alcohol	0.00
120-51-4	Benzyl benzoate	7.09
103-41-3	Benzyl cinnamate	0.00
118-58-1	Benzyl salicylate	1.09
80-54-6	p-tert-Butyl-alpha-methylhydrocinnamic aldehyde (BMHCA, Lilial, Lysmeral)	6.33
104-55-2	Cinnamaldehyde	0.03
104-54-1	Cinnamyl alcohol	0.00
5392-40-5	Citral	0.79
106-22-9	dl-Citronellol	5.49
91-64-5	Coumarin	0.05
97-53-0	Eugenol	0.15

9000-50-4	Oakmoss absolute (Evernia prunastri)	0.00
4602-84-0	Farnesol	0.06
106-24-1	Geraniol	4.02
101-86-0	alpha-Hexylcinnamaldehyde	12.77
107-75-5	Hydroxycitronellal	2.26
31906-04-4	3 and 4-(4-Hydroxy-4-methylpentyl)-3- cyclohexene-1-carboxaldehyde	0.03
97-54-1	Isoeugenol	0.04
5989-27-5	d-Limonene ((R)-p-Mentha-1,8-diene)	2.95
78-70-6	Linalool	2.33
111-12-6	Methyl 2-octynoate (Methyl heptine carbonate)	0.00
68648-41-9	Treemoss Absolute (Pseudevernia Furfuracea)	0.00

\* Any ingredient at >0.001% in leave-on product must be included on the Finished Product ingredients list.

\* Any ingredient at >0.01% in rinse-off product must be included on the Finished Product ingredients list.

The Materials at levels less than 1 ppm or not present in the fragrance are represented as " ~ " and all quantities are on a percent (%) by weight/weight basis.

The above values are calculated predictions utilizing the highest concentrations expected, from the development of ranges based on both industry standards

and internal material evaluations. As such it is not uncommon for concentrations to be lower than stated, due to natural variations inherent with Essential oils.

## Vanillin Content

**Total Contents  
Percentage**

<b>Thunderstorm</b>	0.04
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