# INFORMATION ON THE PRESENCE OF POTENTIAL FRAGRANCE ALLERGENS AS IDENTIFIED BY THE AUTHORITIES OF THE EUROPEAN COMMISSION (2001)



### KELEMEN ES TARSA KFT

Dear Customer :

We acknowledge the receipt of your inquiry on the presence of the potential fragrance allergens as identified by the authorities of the European Community.

The authorities of the European Community have selected 26 fragrance ingredients with varying dermatological reports on skin sensitization, of which the presence in cosmetic products should be labeled to inform the consumer.

For the fragrance(s) of your interest we attach a table with the requested information. For each of the 26 ingredients you find the percent levels for the use of the ingredients as such, for the contribution by the use of essential oils containing the ingredients and the total of both in the fragrance oil(s).

The contributions coming from the essential oils as used in fragrances are based on the upper 90th percentile of data gathered for essential oils by the fragrance industry and on analytical data for qualities as used by IFF. These values are on the high side of the variations observed in batches coming from different harvests and sources. Therefore a one time analyses of the fragrance may show a lower level as reported for the total in the attached table(s). However such an analytically determined lower level can not be regarded as a guarantee for a similar lower level in the next production lot of the fragrance.

A higher level for the total than reported in the table(s) is unlikely. However, when the result of your analysis of the fragrance oil(s) exceeds the here reported total we will very much appreciate that you inform us of your result for our follow-up.

We like to add that the levels of these ingredients in the consumer product are obtained by multiplying the total content in the fragrance(s) with its end use concentration in the product.

In case you have questions regarding this information or subject then please do not hesitate to contact us.

Corporate Safety Assurance

#### **IFF-CORPORATE SAFETY ASSURANCE**

AUSTRALIA	310 FRANKSTON DANDENONG ROAD, DANDENONG, VICTORIA 3175 AUSTRALIA	T +61 3 9788 9200	F +61 3 9768 3536
FRANCE	61, RUE DE VILLIERS, NEUILLY-SUR-SEINE, 92523 FRANCE	T (33-1) 46 49 60 60	F (33-1) 47 81 69 48
NETHERLANDS	LIEBERGERWEG 72-98, HILVERSUM, 1221 JT NETHERLANDS	T (31) 35 6883 911	F (31) 35 6883 202
SINGAPORE	41 SCIENCE PARK ROAD, #02-22 THE GEMINI, SCIENCE PARK II, 117610 SINGAPORE	T (65) 6559 1500	F (65) 6777 2977
USA	1040 BROAD STREET, SHREWSBURY, NJ 07702 USA	T (732) 578-6700	F (732) 578-6757
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Oct-18-2005

Customer:

Re:

KELEMEN ES TARSA KFT

Swing 4433

### PRESENCE OF POTENTIAL FRAGRANCE ALLERGENS IN THE FRAGRANCE

INGREDIENT	CAS-No.	Total Content % (w/w)	Directly Used % (w/w)	Introduced by essential oils % (w/w)	Synthetic Impurities % (w/w)
Alpha-Isomethyl Ionone*	127-51-5	2.1322	2.1322		
Amyl Cinnamal*	122-40-7	0.0071			0.0071
Amylcinnamyl Alcohol*	101-85-9				
Anise Alcohol*	105-13-5				
Benzyl Alcohol	100-51-6	0.0188	0.0107		0.0082
Benzyl Benzoate	120-51-4	0.0308	0.0301	< 0.0010	< 0.0010
Benzyl Cinnamate	103-41-3	0.0031			0.0031
Benzyl Salicylate	118-58-1	0.0215	0.0213		< 0.0010
Butylphenyl Methylpropional*	80-54-6	0.6824	0.6823		
Cinnamal	104-55-2				
Cinnamyl Alcohol	104-54-1				
Citral	5392-40-5	0.0214			0.0213
Citronellol	106-22-9	0.0331	0.0213		0.0118
Coumarin	91-64-5	0.7107	0.7107		
Eugenol	97-53-0	0.7109	0.7107		< 0.0010
Evernia Furfuracea (Treemoss) Extract	90028-67-4				
Evernia prunastri (Oakmoss) Extract	90028-68-5				
Farnesol	4602-84-0				
Geraniol	106-24-1	0.0474	0.0446	< 0.0010	0.0025
Hexyl Cinnamal*	101-86-0	3.5416	3.5416		
Hydroxycitronellal*	107-75-5				
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde*	31906-04-4				
Isoeugenol	97-54-1	0.0359	0.0355		< 0.0010
Limonene	5989-27-5	0.0018	< 0.0010	< 0.0010	0.0012
Linalool	78-70-6	0.0596	0.0296	0.0237	0.0063
Methyl 2-Octynoate*	111-12-6	0.0073	0.0073		

The authorities of the European Community have selected these ingredients, of which the presence in cosmetic products should be labelled to inform the consumer, when exceeding respectively 10 and 100 ppm in leave-on and wash-off products (10ppm = 0.001 %).

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Levels of materials present at 1 ppm or greater are reported; materials at levels less than 1 ppm or not present in the fragrance are shown as "------".

\*) Materials not known to occur in nature

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