LLC «Aroma Ukraine»

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IFRA CONFORMITY CERTIFICATE

Product: Fragrance Black Crystal CAF 37289

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 51-th Amendment / 30th June 2023), provided it is used in the following class(es)) at a maximum concentration level of:

IFRA class(es) [see annex for detail]	Level of use (%)
Class 1 Products applied to lips	1,55
Class 2 Products for armpits	3,95
Class 3 Products applied to face / body with fingertips	3,15
Class 4 Products associated with fine fragrances	70
Class 5 (5A) Products applied to the body by hand (palms) are generally indelible. (Body lotion)	11
Class 5 (5B) Products applied to the face with hands (palms), predominantly indelible. (Moisturizing face cream)	3,15
Class 5 (5C) Products applied to hands with hands (palms) are generally indelible. (Hand cream)	3,15
Class 5 (5D) Products applied to infants by hand (palms) are generally indelible. (Baby cream, oil, talc)	1,05
Class 6 Products for the mouth and lips	0,78
Class 7 (7A) Rinsing agents applied to hair with light hand contact	3,15
Class 7 (7B) Leave-on products applied to hair with light hand contact	3,15
Class 8 Foods with significant anogenital effects (swab)	1,05
Class 9 Products in contact with the body and hands should be rinsed off first.	20,5
Class 10 (10A) Home care items most commonly in contact with hands (excluding aerosols / sprays)	4,7
Class 10 (10B) Household care products with mostly hand contact (household aerosol / spray products)	11

Class 11 (11A) Products intended for skin contact, but minimal transfer of fragrance to skin from an inert substrate without UV radiation	1,05
Class 11 (11B) Products intended for skin contact but minimal transfer of aroma to skin from an inert substrate with potential UV exposure	1,05
Class 12 Other air care products not intended for direct skin contact with minimal or negligible skin transfer	Not Restricted

IFRA Restricted materials:

Name	CAS	Concentration (mg/kg)
Anisic Aldehyde (IUPAC: 4-METHOXYBENZALDEHYDE)	123-11-5	4 000
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	5 320
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	2 000
Bourgeonal (IUPAC: 3-(4-TERT-BUTYLPHENYL)PROPANAL)	18127-01-0	400
Cinnamic Alcohol (IUPAC: (2E)-3-PHENYLPROP-2-EN-1-OL)	104-54-1	32
Cinnamic Aldehyde (IUPAC: (2E)-3-PHENYLPROP-2-ENAL)	104-55-2	8
Citral (IUPAC: (2E)-3,7-DIMETHYLOCTA-2,6-DIENAL)	5392-40-5	8 108
Citronellal Extra (IUPAC: 3,7-DIMETHYLOCT-6-ENAL)	106-23-0	600
Citronellol (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-OL)	106-22-9	6 448
Benzyl Alcohol (IUPAC: PHENYLMETHANOL)	100-51-6	360
Cumin Aldehyde (IUPAC: 4-(PROPAN-2-YL)BENZALDEHYDE)	122-03-2	200
Cuminic Alcohol	536-60-7	4
Cyclamen Aldehyde (IUPAC: 2-METHYL-3-[4-(PROPAN-2-YL)PHENYL]PROPANAL)	103-95-7	850
Damascenone Beta (IUPAC: (2E)-1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIEN-1-YL)BUT-2-EN-1-ONE)	23696-85-7/ 23726-93-4	202

Damascone Alpha (IUPAC: (2E)-1-(2,6,6-TRIMETHYLCYCLOHEX-2-EN-1-YL)BUT-2-EN-1-ONE)	24720-09-0	200
Damascone Delta (IUPAC: (2E)-1-(2,6,6-TRIMETHYLCYCLOHEX-3-EN-1-YL)BUT-2-EN-1-ONE)	57378-68-4	200
Dihydroeugenol (IUPAC: 2-METHOXY-4-PROPYLPHENOL)	2785-87-7	200
Dynascone TOTAL (IUPAC: 1-(5,5-DIMETHYLCYCLOHEX-1-EN-1-YL)PENT-4-EN-1-ONE)	56973-85-4	20
Estragol (IUPAC: 1-METHOXY-4-(PROP-2-EN-1-YL) BENZENE)	140-67-0	200
Eugenol (IUPAC: 2-METHOXY-4-(PROP-2-EN-1-YL) PHENOL)	97-53-0	2 997
Farnesol (IUPAC: 3,7,11-TRIMETHYLDODECA-2,6,10-TRIEN-1-OL)	4602-84-0	24
Floral Super IFF (IUPAC: (4E)-4,8-DIMETHYLDECA-4,9-DIENAL)	71077-31-1	10
Geraniol Fine 98% (IUPAC: (2E)-3,7-DIMETHYLOCTA-2,6-DIEN-1-OL)	106-24-1	2 264
Helional (Helioven) (IUPAC: 3-(2H-1,3-BENZODIOXOL-5-YL)-2-METHYLPROPANAL)	1205-17-0	700
Hydroxycitronellal (IUPAC: 7-HYDROXY-3,7-DIMETHYLOCTANAL)	107-75-5	4 000
Iso E Super (IUPAC: 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE)	54464-57-2	12 000
Isocyclocitral (IUPAC: 2,4,6-TRIMETHYL-3-CYCLOHEXENE-1-CARBOXALDEHYDE)	1335-66-6	4
Jasmine Absolute natural (IUPAC: JASMINE, JASMINUM OFFICINALE, EXT.)	8022-96-6/90045-94-6	8
L-Carvone (IUPAC: (5R)-2-METHYL-5-(PROP-1-EN-2-YL)CYCLOHEX-2-EN-1-ONE)	6485-40-1	8
Lime Oil (IUPAC: CITRUS AURANTIFOLIA EXT.)	8008-26-2	4 161

Macrolide (IUPAC: 1-OXACYCLOHEXADECAN-2-ONE)	106-02-5	1 220
Methyl Cinnamic Aldehyde Alpha (IUPAC: (2E)-2-METHYL-3-PHENYLPROP-2-ENAL)	101-39-3/15174-47-7	0,05
Methyl Eugenol (IUPAC: 1,2-DIMETHOXY-4-(PROP-2-EN-1-YL)BENZENE)	93-15-2	24
Methyl Heptin Carbonate (Folione) (IUPAC: METHYL OCT-2-YNOATE)	111-12-6	200
Methyl Ionone Gamma (Gamma-Methylionone-Isonaline 70) (IUPAC: (3E)-3-METHYL-4-(2,6,6-TRIMETHYLCYCLOHEX-2-EN-1-YL)BUT-3-EN-2-ONE)	127-51-5	10 000
Orange oil bitter (IUPAC: (4R)-1-METHYL-4-(PROP-1-EN-2-YL)CYCLOHEX-1-ENE)	68608-34-4/68916-04-1/72968-50-4	368
Polysantol (IUPAC: (4E)-3,3-DIMETHYL-5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)PENT-4-EN-2-OL)	107898-54-4	1 000
Raspberry Ketone (IUPAC: 4-(4-HYDROXYPHENYL)BUTAN-2-ONE)	5471-51-2	40
Scentenal	86803-90-9	200
Silvial (IUPAC: 2-METHYL-3-[4-(2-METHYLPROPYL)PHENYL]PROPANAL)	6658-48-6	200
Tetrahydroparamethyl Quinoline	91-61-2	0,005
Amber Core (IUPAC: 1-[(2-TERT-BUTYLCYCLOHEXYL)OXY]BUTAN-2-OL)	139504-68-0	4 070
Allyl Cyclo Hexyl Propionate (IUPAC: PROP-2-EN-1-YL 3-CYCLOHEXYLPROPANOATE)	2705-87-5	200
Liffarome (IUPAC: (3Z)-HEX-3-EN-1-YL METHYL CARBONATE)	67633-96-9	2
Citronellyl Acetate (IUPAC: 3,7-DIMETHYLOCT-6-EN-1-YL ACETATE)	150-84-5	4 000

Amberwood F (Boisambrene Forte) (IUPAC: (ETHOXYMETHOXY)CYCLODODECANE)	58567-11-6	1 800

IFRA prohibited materials:

Name	CAS	Concentration (mg/kg)

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact Supplier.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.