

## CERTIFICADO DE ANALISIS

PRODUCT DETAILS					
Product Name	PALMAROSA OIL				
Product Code	OEPALM				
INCI Name	Cymbopogon martinii stapf var. motia				
Batch Number	4461014				
Best Before End	February 2025				
Manufacturing Process	Steam distillation from leaves, stems and flowers of cymbopogon martinii.				
Identification	CAS No: 84649-81-0	EINECS No: 283-461-2			
	Alternative Cas: 8014-19-5	FEMA: 2831			
	CoE No: 40	FLAVIS No: 06.006			
	FDA No: 182.20				
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE		RESULTS		
Appearance	Liquid		Conforms		
Colour	Pale Yellow		Conforms		
Odour	Sweet rose like		Conforms		
Relative Density @ 25°C	0.878 - 0.892		0.885		
Refractive Index @ 25°C	1.465 - 1.485		1.4717		
Optical Rotation	-2 to +3°C		0.1		
MAIN CONSTITUENTS					
CONSTITUENTS RANGE	RESULT	CONSTITUENTS RANGE	RESULTS	CONSTITUENT RANGE	RESULT
Geraniol >70 < 90%	76,40%	Geranyl Acetate >5 <15%	12,30%	Linalool 1-5%	1,70%
Farnesol 1-5%	Traces	Beta Caryophellene 1-5%	1%		
STORAGE AND SHELF LIFE					
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.				
Shelf Life	24 months unopened and stored as above.				

DESCARGO DE RESPONSABILIDAD: Esta información se refiere solo al material específico designado y puede no ser válida para dicho material utilizado en combinación con cualquier otro material en cualquier proceso. Dicha información es, al mejor conocimiento y creencia de la empresa, preciso y confiable a partir de la fecha indicada. Sin embargo, no se hace ninguna garantía, garantía o representación a su exactitud, confiabilidad o integridad. Es responsabilidad de los usuarios asegurarse de la idoneidad de dicha información para su uso particular. Cuando la empresa hace la declaración de que el material alergénico no está presente en ningún producto, esta declaración se hace asumiendo niveles razonables de detección. Es imposible garantizar la "ausencia absoluta" de cualquier material. Es responsabilidad última del cliente garantizar la seguridad del producto final previsto que contiene este material, mediante la realización de pruebas adicionales si es necesario.

## ALLERGEN STATEMENT / CERTIFICADO DE ALERGENOS

Compounds	C.A.S	% Natural	% Synthetic	% Total
Alpha-Hexyl cinnamic aldehyde (HCA)	101-86-0	-	-	-
Amyl cinnamic alcohol	101-85-9	-	-	-
Amyl cinnamic aldehyde (ACA)	122-40-7	-	-	-
Anisyl alcohol	105-13-5	-	-	-
Benzyl salicylate	118-58-1	-	-	-
Benzyl benzoate	120-51-4	-	-	-
Benzyl cinnamate	103-41-3	-	-	-
Benzyl alcohol	100-51-6	-	-	-
Cinnamic alcohol	104-54-1	-	-	-
Cinnamic aldehyde	104-55-2	-	-	-
Citral	5392-40-5	1-5	-	-
Citronellol	106-22-9	-	-	-
Coumarin (2p-1-benzopyran-2-one	91-64-5	-	-	-
D'limonene	5989-27-5	1-5	-	-
Eugenol	97-53-0	-	-	-
Farnesol	4602-84-0	ca 1%	-	-
Geraniol	106-24-1	ca 85%	-	-
Lyril (Hydroxymethylpentyl cyclohexene carbalde)	31906-04-4	-	-	-
Hydroxycitronellal	107-75-5	-	-	-
Isoeugenol	97-54-1	-	-	-
Alpha-Iso-methyl Ionone	127-51-5	-	-	-
Linalool	78-70-6	1-5	-	-
Methyl heptine carbonate	111-12-6	-	-	-
Oakmoss absolute	9000-50-4	-	-	-
p-tert-Butyl-alpha-methylhydrocinnamic a	80-54-6	-	-	-
Tree moss	68648-41-9	-	-	-

PRODUCT NAME: PALMAROSA OIL



PALMAROSA OIL

IFRA QRA Restricted Standards - 47th Amendment to the Code of Practice

Material	CAS Number	Typical Value	Amendment	Limits in the finished product (%)										
				Category 1	Category 2	Category 3	Category 4	Category 5	Category 6	Category 7	Category 8	Category 9	Category 10	Category 11
Allyl phenoxyacetate	7493-74-5		44	0.02	0.03	0.11	0.32	0.17	0.51	0.05	0.70	3.50	2.50	Not Restricted
α-Amyl cinnamic alcohol	101-85-9		42	0.1	0.1	0.5	1.6	0.8	2.5	0.3	2.0	5.0	2.5	Not Restricted
α-Amyl cinnamic aldehyde	122-40-7		47	0.7	0.9	3.6	10.7	5.6	17.1	1.8	2.0	5.0	2.5	Not Restricted
Anisyl alcohol	105-13-5		42	0.04	0.1	0.2	0.7	0.4	1.1	0.1	1.5	5.0	2.5	Not Restricted
Benzaldehyde	100-52-7		47	0.02	0.02	0.09	0.27	0.14	0.43	0.05	0.60	3.00	2.5	Not Restricted
Benzyl alcohol	100-51-6		42	0.2	0.2	0.9	2.7	1.4	4.3	0.4	2.0	5.0	2.5	Not Restricted
Benzyl benzoate	120-51-4		42	1.7	2.2	8.9	26.7	14.0	42.8	4.5	2.0	5.0	2.5	Not Restricted
Benzyl cinnamate	103-41-3		42	0.1	0.2	0.7	2.1	1.1	3.4	0.4	2.0	5.0	2.5	Not Restricted
Benzyl salicylate	118-58-1		42	0.5	0.7	2.7	8.0	4.2	12.8	1.3	2.0	5.0	2.5	Not Restricted
α-Butylcinnamaldehyde	7492-44-6		46	0.03	0.04	0.15	0.45	0.24	0.72	0.08	1.01	5.0	2.5	Not Restricted
p-tert-Butylidihydrocinnamaldehyde (Bourgeonal)	18127-01-0		43	0.03	0.04	0.2	0.5	0.3	0.8	0.1	0.6	0.6	0.6	Not Restricted
p-tert-Butyl-α-methylhydrocinnamic aldehyde (BMHCA)	80-54-6		47	0.1	0.2	0.6	1.9	1.0	3.0	0.3	2.0	2.5	2.5	Not Restricted
Carvone	99-49-0													
d-Carvone	2244-16-8		43	0.08	0.1	0.4	1.2	0.6	1.9	0.2	2.0	5.0	2.5	Not Restricted
l-Carvone	6485-40-1													
Cinnamic alcohol	104-54-1		43	0.09	0.1	0.4	0.4	0.4	2.2	0.2	0.4	0.4	0.4	Not Restricted
Cinnamic aldehyde	104-55-2		47	0.02	0.02	0.05	0.05	0.05	0.4	0.04	0.05	0.05	0.05	Not Restricted
Cinnamic aldehyde dimethyl acetal	4364-06-1		44	0.02	0.03	0.12	0.37	0.20	0.59	0.06	0.80	4.10	2.50	Not Restricted
Cinnamyl nitrile	1885-38-7													
	4360-47-8		43	0.03	0.04	0.125	0.125	0.125	0.80	0.08	0.125	0.125	0.125	Not Restricted
Citral	5392-40-5	1	40	0.04	0.05	0.2	0.6	0.3	1.0	0.1	1.4	5.0	2.5	Not Restricted
	141-27-5													
	106-26-3													
Citronellol	106-22-9	42	0.8	1.1	4.4	13.3	7.0	21.4	2.2	2.0	5.0	2.5	Not Restricted	
	1117-61-9													
	26489-01-0													
	6812-78-8													
	141-25-3													
	68916-43-8													
7540-51-4														
Coumarin	91-64-5		43	0.1	0.13	0.5	1.6	0.8	2.5	0.3	2.0	5.0	2.5	Not Restricted
Cuminaldehyde	122-03-2		47	0.03	0.04	0.17	0.5	0.26	0.8	0.08	1.1	5.0	2.5	Not Restricted
Cyclamen aldehyde	103-95-7		47	0.17	0.22	0.89	2.67	1.4	4.28	0.45	2.0	5.0	2.5	Not Restricted
Cyclopentadecanolide	106-02-5		47	0.16	0.2	0.83	2.5	1.31	3.93	0.42	2.0	5.0	2.5	Not Restricted
Dibenzyl ether	103-50-4		44	0.07	0.08	0.35	1.04	0.55	1.67	0.17	2.00	5.00	2.50	Not Restricted
Dihydrocoumarin	119-84-6		47	0.029	0.037	0.15	0.45	0.24	0.72	0.08	1.01	5.00	2.50	Not Restricted
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	68737-61-1	47	0.17	0.22	0.89	2.7	1.4	4.3	0.45	2.0	5.0	2.5	Not Restricted	
	68039-49-6													
	68039-48-5													
	27939-60-2													
	67801-65-4													
	36635-35-5													
	68084-52-6													
35145-02-9														
1-[5,5-Dimethyl-1-cyclohexen-1-yl]pent-4-en-1-one	56973-85-4		44	0.07	0.09	0.38	1.13	0.60	1.81	0.19	2.00	5.00	2.50	Not Restricted
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4		45	0.28	0.36	1.5	4.5	2.4	7.2	0.8	2.0	5.0	2.5	Not Restricted
2-Ethoxy-4-methylphenol	2563-07-7		43	0.01	0.01	0.03	0.1	0.1	0.2	0.02	0.2	1.2	1.9	Not Restricted
p-Ethylbenzaldehyde	4748-78-1		47	0.03	0.04	0.17	0.5	0.26	0.8	0.08	1.11	5	2.5	Not Restricted
Eugenol	97-53-0		43	0.2	0.2	0.5	0.5	0.5	4.3	0.4	0.5	0.5	0.5	Not Restricted
Farnesol	4602-84-0	1.2	40	0.08	0.11	0.4	1.2	0.6	2.0	0.2	2.0	5.0	2.5	Not Restricted
Geraniol	106-24-1	85	42	0.3	0.4	1.8	5.3	2.8	8.6	0.9	2.0	5.0	2.5	Not Restricted
2-Heptylidene cyclopentan-1-one	39189-74-7		46	0.03	0.04	0.15	0.45	0.24	0.72	0.08	1.01	5.0	2.5	Not Restricted
trans-2-Hexenal	6728-26-3		43	0.001	0.001	0.002	0.002	0.002	0.02	0.002	0.002	0.002	0.002	Not Restricted
α-Hexyl cinnamic aldehyde	101-86-0		47	0.7	0.9	3.6	10.7	5.6	17.1	1.8	2.0	5.0	2.5	Not Restricted
α-Hexylidene cyclopentanone	17373-89-6		43	0.01	0.01	0.05	0.06	0.06	0.2	0.02	0.06	0.06	0.06	Not Restricted

Hexyl salicylate	6259-76-3	42	1.0	1.3	5.3	16.0	8.4	25.7	2.7	2.0	5.0	2.5	Not Restricted	
Hydroxycitronellal	107-75-5	47	0.1	0.2	0.8	1.0	1.0	3.6	0.4	1.0	1.0	1.0	Not Restricted	
3and4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (HMPCC)	31906-04-4	47	0.02	0.02	0.2	0.2	0.2	0.2	0.02	0.2	0.2	0.2	Not Restricted	
	51414-25-6													
p-Isobutyl- $\alpha$ -methyl hydrocinnamaldehyde	6658-48-6	44	0.07	0.08	0.35	1.04	0.55	1.67	0.17	2.00	5.00	2.50	Not Restricted	
Isocyclocitral	1335-66-6	42	0.2	0.3	1.1	3.2	1.7	5.1	0.5	2.0	5.0	2.5	Not Restricted	
	1423-46-7													
	67634-07-5													
Isocyclogeraniol	68527-77-5	43	0.11	0.14	0.5	0.5	0.5	2.8	0.3	0.5	0.5	0.5	Not Restricted	
Isoeugenol	97-54-1	43	0.01	0.01	0.02	0.02	0.02	0.2	0.02	0.02	0.02	0.02	Not Restricted	
Jasmine absolute (grandiflorum)	8022-96-6	43	0.04	0.05	0.22	0.7	0.4	1.1	0.1	1.5	5.0	2.5	Not Restricted	
	8024-43-9													
	90045-94-6													
	84776-64-7													
Jasmine absolute (sambac)	91770-14-8	43	0.25	0.32	1.33	4.0	2.1	6.4	0.7	2.0	5.0	2.5	Not Restricted	
Melissa oil (genuine Melissa officinalis L.)	8014-71-9	44	0.04	0.05	0.21	0.63	0.33	1.01	0.11	1.40	5.00	2.50	Not Restricted	
	84082-61-1													
p-Mentha-1,8-dien-7-al (Perilla aldehyde)	2111-75-3	47	0.02	0.03	0.1	0.1	0.1	0.5	0.05	0.1	0.1	0.1	Not Restricted	
Menthadiene-7-methyl formate	68683-20-5	43	0.03	0.04	0.1	0.1	0.1	0.8	0.08	0.1	0.1	0.1	Not Restricted	
p-Methoxybenzaldehyde	123-11-5	47	0.1	0.13	0.54	1.61	0.84	2.53	0.27	2	5	2.5	Not Restricted	
o-Methoxycinnamaldehyde	1504-74-1	46	0.03	0.04	0.15	0.45	0.24	0.72	0.08	1.01	5.0	2.5	Not Restricted	
Methoxy dicyclopentadiene carboxaldehyde (Scentenal)	86803-90-9	43	0.1	0.2	0.5	0.5	0.5	3.6	0.4	0.5	0.5	0.5	Not Restricted	
4-Methoxy- $\alpha$ -methylbenzeneopropanal	5462-06-6	47	0.17	0.22	0.89	2.67	1.40	4.28	0.45	2.00	5.00	2.50	Not Restricted	
2-Methoxy-4-methylphenol	93-51-6	43	0.003	0.004	0.01	0.01	0.01	0.09	0.009	0.01	0.01	0.01	Not Restricted	
$\alpha$ -Methyl-1,3-benzodioxole-5-propionaldehyde (MMDHCA)	1205-17-0	47	0.34	0.43	1.78	5.3	2.8	8.6	0.89	2.0	5.0	2.5	Not Restricted	
$\alpha$ -Methyl cinnamic aldehyde	101-39-3	42	0.1	0.1	0.5	1.6	0.8	2.5	0.3	2.0	5.0	2.5	Not Restricted	
6-Methyl-3,5-heptadien-2-one (methyl heptadienone)	1604-28-0	44	0.002	0.002	0.002	0.002	0.002	0.100	0.002	0.002	0.002	0.002	Not Restricted	
Methyl heptene carbonate	111-12-6	43	0.003	0.004	0.01	0.01	0.01	0.08	0.008	0.01	0.01	0.01	Not Restricted	
Methyl ionone, mixed isomers	1335-46-2	43	2.0	2.6	10.6	31.7	16.7	50.7	5.3	2.0	5.0	2.5	Not Restricted	
	127-42-4													
	127-43-5													
	127-51-5													
	7779-30-8													
Methyl octine carbonate	111-80-8	43	0.001	0.001	0.002	0.002	0.002	0.02	0.002	0.002	0.002	0.002	Not Restricted	
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	68922-13-4	46	0.03	0.04	0.17	0.50	0.26	0.80	0.08	1.11	5.0	2.5	Not Restricted	
2-Nonyn-1-al dimethyl acetal	13257-44-8	46	0.66	0.84	3.47	10.41	5.48	16.67	1.74	2.0	5.0	2.5	Not Restricted	
Oakmoss extracts	90028-68-5	43	0.02	0.03	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	Not Restricted	
	9000-50-4													
	68917-10-2													
OTNE (1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone)	54464-57-2	43	1.34	1.73	7.1	21.4	11.2	34.2	3.6	2.0	5.0	2.5	Not Restricted	
1-Octen-3-yl acetate	2442-10-6	43	0.1	0.1	0.3	0.3	0.3	2.5	0.3	0.3	0.3	0.3	Not Restricted	
Opoanax (all forms)	8021-36-1	47	0.03	0.04	0.15	0.45	0.24	0.6	0.08	0.6	0.6	0.6	Not Restricted	
	9000-78-6													
	93384-32-8													
Peru balsam extracts and distillates	8007-00-9	43	0.03	0.04	0.1	0.4	0.2	0.7	0.07	0.4	0.4	0.4	Not Restricted	
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one	13144-88-2	46	0.03	0.04	0.15	0.45	0.24	0.72	0.08	1.01	5.0	2.5	Not Restricted	
Phenylacetaldehyde	122-78-1	40	0.02	0.02	0.09	0.3	0.1	0.4	0.04	0.6	3.0	2.5	Not Restricted	
3-Phenylbutanal	16251-77-7	45	0.17	0.22	0.89	2.7	1.4	4.3	0.45	2.0	5.0	2.5	Not Restricted	
2-Phenylpropionaldehyde	93-53-8	44	0.01	0.01	0.06	0.17	0.09	0.28	0.03	0.40	1.90	2.50	Not Restricted	
3-Propylideneephthalide	17369-59-4	43	0.01	0.01	0.01	0.01	0.01	0.7	0.01	0.01	0.01	0.01	Not Restricted	
Rose ketones	23696-85-7	44	0.003	0.004	0.02	0.02	0.02	0.02	0.07	0.008	0.02	0.02	0.02	Not Restricted
	23726-93-4													
	43052-87-5													
	24720-09-0													
	23726-94-5													
	23726-92-3													
	23726-91-2													
	57378-68-4													
	71048-82-3													
	39872-57-6													
70266-48-7														

	33673-71-1													
	35087-49-1													
	35044-68-9													
Styrax (distillates)	94891-27-7	47	0.04	0.05	0.23	0.6	0.36	0.6	0.11	0.6	0.6	0.6	0.6	Not Restricted
	94981-28-8													
Teal leaf absolute	84650-60-2	40	0.01	0.02	0.07	0.2	0.1	0.3	0.04	0.5	2.4	2.5	2.5	Not Restricted
	90028-67-4													
	68648-41-9	43	0.02	0.03	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	Not Restricted
	68917-40-8													
	529-20-4													
	620-23-5	47	0.03	0.04	0.17	0.5	0.26	0.8	0.08	1.11	5	2.5	2.5	Not Restricted
	104-87-0													
	1334-78-7													
2,6,6-Trimethylcyclohex-1,3-dienyl methanal	116-26-7	47	0.001	0.001	0.004	0.005	0.005	0.02	0.002	0.005	0.005	0.005	0.005	Not Restricted
	8024-12-2													
Verbena absolute (Lippia citriodora Kunth.)	85116-63-8	45	0.05	0.06	0.2	0.2	0.2	1.2	0.12	0.2	0.2	0.2	0.2	Not Restricted
	117-98-6													
	62563-80-8													
	68917-34-0	44	0.07	0.08	0.35	1.04	0.55	1.67	0.17	2.00	5.00	2.50	2.50	Not Restricted
	73246-97-6													
	84082-84-8													
	8006-81-3													
Ylang ylang extracts	68606-83-7	43	0.05	0.06	0.27	0.8	0.4	1.3	0.1	1.8	5.0	2.5	2.5	Not Restricted
	83863-30-3													

Please note, it is the responsibility of the customer to ensure the safety of the final product containing this product by further testing if necessary.

1 Lip Products of all types; Toys;

2 Deodorant and Antiperspirant Products of all types

3 Hydroalcoholic Products Applied To Recently Shaved Skin; Eye Products of all types; Men's Facial Creams, Balms; Tampons; Baby Creams, Lotions, Oils

4 Hydroalcoholic Products Applied To Unshaved Skin (includes body mists (aqueous based, alcoholic based and hydroalcoholic)); Hair Styling Aids, Hair Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions, Fragrancing Creams of all types (except baby creams and lotions); Ingredients of Perfume Kits; Fragrance Compounds for Cosmetic Kits; Scent Pads, Foil Packs; Scent Strips for Hydroalcoholic Products; Foot Care Products; Hair Deodorant.

5 Women's Facial Creams/Facial Make-up; Hand Cream; Facial Masks; Baby Powder and Talc; Hair Permanent and Other Hair Chemical Treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Hand Sanitizers.

6 Mouthwash; toothpaste

7 Intimate wipes; baby wipes; insect repellent (intended to be applied to the skin)

8 Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types; Nail Care; All powders and talcs (except baby powders and talcs); Hair Dyes.

9 Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products Added To Bathwater; Body Washes of all types (including baby washes) and Shower Gels of all types; Conditioner (Rinse-Off); Depilatory Face Cleansers of all types (washes, gels, scrubs, etc.); Facial Tissues; Feminine Hygiene – Pads

Feminine Hygiene – Liners; Liquid Soap; Napkins; Paper Towels; Shampoos of all types (including baby shampoos); Shaving Creams of all types (stick, gels, foams, etc.); Toilet Paper; Other Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray)

10 Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Other Household Cleaning Products (fabric cleaners, floor surface cleaners, carpet cleaners); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleaches and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish); Diapers; Shampoos for Pets; Dry Cleaning Kits; Toilet Seat Wipes

11 All non-skin contact or incidental skin contact. Including: Air Fresheners and Fragrancing of all types (plug-ins, solid substrate, membrane delivery, electrical, pot pourri, powders, fragrancing sachets, incense, liquid refills, air freshening crystals); Animal Sprays; Candles; Cat litter; Deodorizers/Maskers Not Intended For Skin Contact (e.g. fabric drying machine deodorizers, carpet powders); Floor wax; Fragranced lamp ring; Fuels; Infused socks; Insecticides (e.g. mosquito coil, paper, electrical, for clothing); Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine Only Laundry Detergent (e.g. liquid tabs)

Odored Distilled Water (that can be added to steam irons); Paints; Plastic articles (excluding toys); Reed diffusers; Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe Polishes; Toilet Blocks; Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers) *Note: Due to the expected negligible skin exposure from such products the risk of induction of dermal sensitization through the normal formulation and use of such products is considered to be negligible. As such, the concentration of fragrance ingredient is not restricted in the finished product.*

## SAFETY DATA SHEET / FICHA DE DATOS DE SEGURIDAD PALMAROSA OIL

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	PALMAROSA OIL
CAS-NO.	84649-81-0
EC (EINECS) NO.	283-461-2
PRODUCT NO.	PALMAR1000
SYNONYMS, TRADE NAMES	cymbopogon martini
APPLICATION	Fragrances & Flavours
SUPPLIER	El Jabón Artesanal Victor Vicente Cordovilla C/ Río Tajo nº 53 18110 Las Gabias, (Granada-España) Telf. (+34) 640235536 eljabonartesanal@hotmail.com

Teléfono de emergencia: INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420

### 2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	Xi;R38, R41. R43. R52/53.	
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards	Not classified.
	Human health	Skin Irrit. 2 - H315;Eye Dam. 1 - H318;Skin Sens. 1 - H317
	Environment	Aquatic Acute 2 - H401;Aquatic Chronic 3 - H412
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008		



SIGNAL WORD	Danger
CONTAINS	CITRAL Geraniol Geranyl Acetate LIMONENE Linalool Methyl Chavicol

HAZARD STATEMENTS	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H318	Causes serious eye damage.

## PALMAROSA OIL

	H401	Toxic to aquatic life.
	H412	Harmful to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS		
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P262	Do not get in eyes, on skin, or on clothing.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS		
	P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264	Wash ... thoroughly after handling.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P273	Avoid release to the environment.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P310	Immediately call a POISON CENTER or doctor/physician.
	P321	Specific treatment (see ... on this label).
	P332+313	If skin irritation occurs: Get medical advice/attention.
	P333+313	If skin irritation or rash occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container to ...

### ENVIRONMENT

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### HUMAN HEALTH

May cause sensitisation by skin contact.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

CITRAL		1-5%
CAS-No.: 5392-40-5		EC No.: 226-394-6
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Irrit. 2 - H315	R43	
Skin Sens. 1 - H317	Xi;R38	
Geraniol		60-100%
CAS-No.: 106-24-1		EC No.: 203-377-1
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 5 - H303	Xi;R38,R41.	
Skin Irrit. 2 - H315	R43.	
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 2 - H401		
Geranyl Acetate		5-10%
CAS-No.: 105-87-3		EC No.: 203-341-5
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Aquatic Chronic 2 - H411	N;R51/53.	

## PALMAROSA OIL

LIMONENE		1-5%
CAS-No.: 138-86-3		EC No.: 205-341-0
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) R10 R43 Xi;R38 N;R50/53	
Linalool		1-5%
CAS-No.: 78-70-6		EC No.: 201-134-4
Classification (EC 1272/2008) Skin Irrit. 2 - H315	Classification (67/548/EEC) Xi;R38.	
Methyl Chavicol		< 1%
CAS-No.: 140-67-0		EC No.: 205-427-8
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 2 - H351	Classification (67/548/EEC) Xn;R22. Carc. Cat. 3;R40, Muta. Cat. 3;R68. R43.	

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

EC (EINECS) NO. 283-461-2  
 CAS-NO. 84649-81-0

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

#### INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Water spray. Alcohol resistant foam. Dry chemicals. Extinguish with carbon dioxide or dry powder. Carbon dioxide (CO<sub>2</sub>).

#### PROTECTIVE MEASURES IN FIRE

Wear: Self-contained breathing apparatus. Wear chemical protective clothing.

### 6 ACCIDENTAL RELEASE MEASURES



## PALMAROSA OIL

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent the escape of liquid.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

### SPILL CLEAN UP METHODS

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite, transfer used material to a suitable waste container and dispose on accordance with regulations.

## 7 HANDLING AND STORAGE

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep containers tightly closed. Keep away from heat, sparks and open flame.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

### HAND PROTECTION

Chemical resistant gloves (PVC)

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Oil resistant apron, eyewash and safety shower recommended. Wash contaminated clothing before reuse.

### HYGIENE MEASURES

Good personal hygiene practices are always advisable, especially when working with chemicals.

### PERSONAL PROTECTION

Avoid inhalation and contact with skin and eyes.

### SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

### ENVIRONMENTAL EXPOSURE CONTROLS

Avoid discharging into drainage water. Only eliminate by authrosied companies.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Liquid

### COLOUR

Colourless to pale yellow

## PALMAROSA OIL

ODOUR	Rose and Geranium like.
RELATIVE DENSITY	0.879 - 0.900 20
FLASH POINT (°C)	100
REFRACTIVE INDEX	1.467 - 1.480

### 10 STABILITY AND REACTIVITY

#### CONDITIONS TO AVOID

Avoid contact with strong oxidisers. Heat, sparks and open flames.

#### MATERIALS TO AVOID

Strong oxidising substances.

### 11 TOXICOLOGICAL INFORMATION

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

We have no data regarding ecotoxicity, but it must be considered that this product may be dangerous for the environment.

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of in compliance with all local and national regulations.

### 14 TRANSPORT INFORMATION

GENERAL Not regulated.

### 15 REGULATORY INFORMATION

#### EU DIRECTIVES

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### GUIDANCE NOTES

CHIP for everyone HSG(108).

#### NATIONAL REGULATIONS

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### 16 OTHER INFORMATION

SDS NO. 10082

#### RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R68	Possible risk of irreversible effects.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## PALMAROSA OIL

### HAZARD STATEMENTS IN FULL

H318	Causes serious eye damage.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
H341	Suspected of causing genetic defects.
H411	Toxic to aquatic life with long lasting effects.
H401	Toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

### DISCLAIMER

Esta información se refiere únicamente al material específico designado y puede no ser válida para dicho material utilizado en combinación con cualquier otro material o en cualquier otro proceso. Dicha información es, según el mejor conocimiento y creencia de la empresa, precisa y confiable a partir de la fecha indicada. Sin embargo, no garantiza o representa su exactitud, fiabilidad o integridad. Es responsabilidad del usuario asegurarse de la idoneidad de dicha información para su uso particular.

## FICHA TECNICA

PRODUCT DETAILS		
Product Name	PALMAROSA OIL	
Product Code		
INCI Name	Cymbopogan martinit stapf var. motia	
Country of Origin	India	
Tariff Number	33012941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Steam distillation from leaves, stems and flowers of cymbopogan martini.	
Identification	CAS No: 84649-81-0	EINECS No: 283-461-2
	Alternative Cas: 8014-19-5	FEMA: 2831
	CoE No: 40	FLAVIS No: 06.006
	FDA No: 182.20	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale Yellow to dark yellow	
Odour	Sweet rose like	
Relative Density @ 20°C	0.875 - 0.895	
Refractive Index @ 25°C	1.465 - 1.485	
Flash Point	95 to 105°C	
Optical Rotation	-4 to +3°C	
FRAGRANCE ALLERGENS		
Limonene (5989-54-8) <b>0.01-5%</b>	Geraniol (106-24-1) <b>&gt;70 &lt;90%</b>	Linalool (78-70-6) <b>1-5%</b>
Farnesol (4602-84-0) <b>0.01-5%</b>	Citral (5392-40-5) <b>1-5%</b>	Citronellol (106-22-9) <b>&lt;1%</b>
Eugenol (97-53-0) <b>&lt;0.2%</b>		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Geraniol (106-24-1) <b>&gt;70 &lt;90%</b>	Farnesol (4602-84-0) <b>0.01-5%</b>	Citral (5392-40-5) <b>&lt;1%</b>
Methyl Eugenol (93-15-2) <b>&lt;0.05%</b>		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	24 months unopened and stored as above.	

DESCARGO DE RESPONSABILIDAD: Esta información se refiere solo al material específico designado y puede no ser válida para dicho material utilizado en combinación con cualquier otro material en cualquier proceso. Dicha información es, al mejor conocimiento y creencia de la empresa, preciso y confiable a partir de la fecha indicada. Sin embargo, no se hace ninguna garantía, garantía o representación a su exactitud, confiabilidad o integridad. Es responsabilidad de los usuarios asegurarse de la idoneidad de dicha información para su uso particular. Cuando la empresa hace la declaración de que el material alergénico no está presente en ningún producto, esta declaración se hace asumiendo niveles razonables de detección. Es imposible garantizar la "ausencia absoluta" de cualquier material. Es responsabilidad última del cliente garantizar la seguridad del producto final previsto que contiene este material, mediante la realización de pruebas adicionales si es necesario.



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# Vegan Statement

IDENTIFICATION	
Product:	Palmarosa Oil Organic
Cas No:	84649-81-0
EINECS No:	283-461-2
STATEMENT	
<p>Nosotros, a partir de la información recibida de nuestro proveedor, por la presente declaramos que el material mencionado anteriormente cumple con una dieta vegana o vegetariana.</p> <p>No contiene ingredientes animales ni subproductos animales. No se utilizan en el procesode fabricación ingredientes productos animales.</p> <p>Este documento representa lo mejor que sabemos por la información recibida de nuestro proveedor. Eso no exime al comprador de la obligación de realizar un examen de las mercancías recibidas. Todos los usos hechos por el comprador se hacen bajo su propia responsabilidad.</p>	