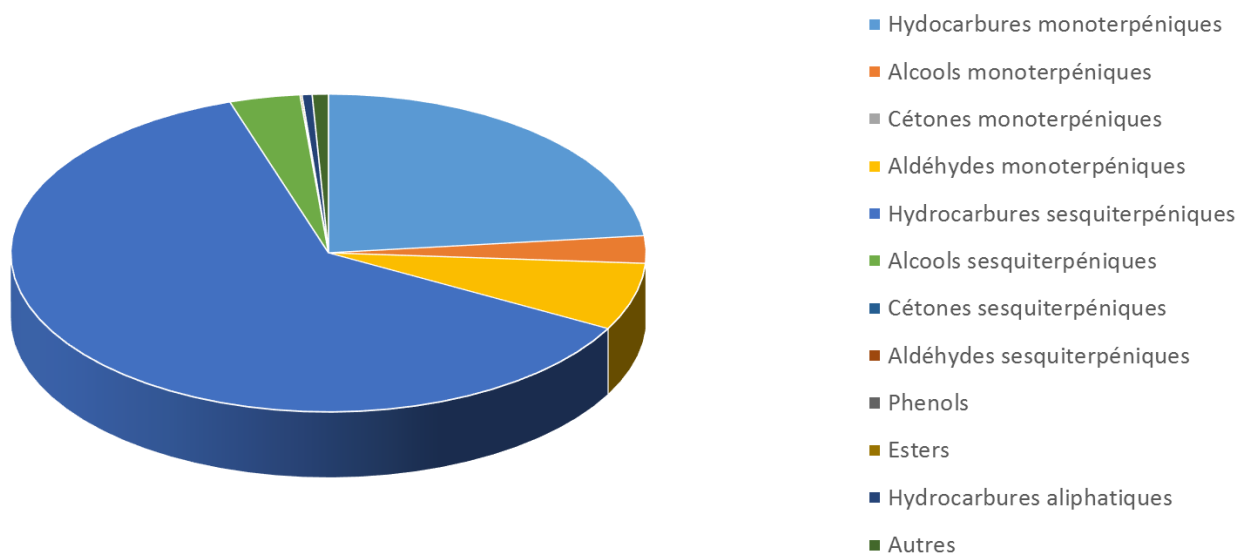


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JE INTERNATIONAL		Date d'entrée en vigueur / taking effect : 10/06/2011	

Date	:	06/04/2021
Référence produit / Product reference	:	FLE115
Huile essentielle de / Essential oil of	:	Gingembre / Ginger
Numéro de lot / Lot Number	:	P020421MG
Densité à 20°C (g/cm ³) / Density to 20°C (g/cm ³)	:	0.879
Indice de réfraction / Refractive index	:	1.4887
Pouvoir rotatoire à 20°C / Optical rotation to 20°C	:	-25.6°
Mode de culture / Culture mode	:	Cultivé / Cultivated
Pays / Country	:	Madagascar
Date de production / Production date	:	03/2021
D.L.U. / Shelf life	:	04/2026
Mode d'extraction / Extraction mode	:	Distillation à la vapeur / Steam distillation
% Bio / % Organic	:	100%
Nom Latin / Latin Name	:	Zingiber Officinale
Parties utilisées / Used Parts	:	Rhizome



Molécule	%
TRICYCLEN	0.160
ALPHA-PINENE	2.590
TOLUENE **	0.010
ALPHA-FENCHENE	0.010
CAMPHENE	8.010
CAMPHRE	0.060
HEXANAL	0.010
BETA-PINENE	0.340
SABINENE	0.070
DELTA-3-CARENE	0.030
BETA-MYRCENE	1.070
ALPHA-PHELLANDRENE	0.280
BETA-PHELLANDRENE	7.440
LIMONENE *	1.440
2-HEPTANONE	0.020
ALPHA-TERPINENE	0.020
GAMMA-TERPINENE	0.040
TERPINOLENE	0.230
2,3-DEHYDRO-1,8-CINEOLE	0.010
CIS-BETA-OCIMENE	0.010
TRANS-BETA-OCIMENE	0.01
ACETATE DE 2-HEPTANOL	0.01
PARA-CYMENE	0.06
OCTANAL	0.03
4,8-DIMETHYL-1,3,7-NONATRIENE	0.05
2-HEPTANOL	0.11
6-METHYL-5-HEPTEN-2-OL	0.01
2-NONANONE	0.07
2-NONANOL	0.09
ROSEFURANE	0.04
PERILLENE	0.02
2-OCTENAL	0.04
6-METHYL-5-HEPTEN-2-ONE	0.38
ALPHA-PARA-DIMETHYLSTYRENE	0.01
ALPHA-CUBEBENE	0.02
DELTA-ELEMENE	0.09

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CITRONELLAL	0.1
CYCLOSATIVENE	0.260
ALPHA-COPAENE	0.380
DECANAL	0.020
BETA-1-CUBEBENE	0.040
LINALOL *	0.400
ALPHA-CIS-BERGAMOTENE	0.180
ALPHA-TRANS-BERGAMOTENE	0.100
1-OCTANOL	0.02
EPSILON-CADINENE	0.07
ACETATE DE BORNYLE	0.08
FENCHOL	0.02
BETA-ELEMENE	0.62
BETA-CARYOPHYLLENE	0.050
ALPHA-CARYOPHYLLENE	0.060
TERPINENE-4-OL	0.070
ALPHA-TERPINEOL	0.550
2-UNDECANONE	0.290
CIS-PARA-MENTH-2-EN-1-OL	0.040
CADINA-3,5-DIENE	0.020
DELTA-CADINENE	0.450
GERMACRENE A	0.100
GERMACRENE D	1.360
ALLO-AROMADENDRENE	0.340
ZONARENE	0.030
TRANS-BETA-FARNESENE	0.390
CIS-BETA-FARNESENE	0.080
(E,E)-ALPHA-FARNESENE	4.450
GAMMA-SELINENE	0.150
BETA-SELINENE	0.080
NERAL *	2.930
GAMMA-MUUROLENE	0.220
GAMMA-CURCUMENE	0.100
BORNEOL	1.040
SESQUITERPENE	0.130
ALPHA-ZINGIBERENE	26.570
BETA-BISABOLENE	6.140



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GERANIAL *	3.360
BETA-CURCUMENE	0.430
Ar-CURCUMENE	4.29
CITRONELLOL *	0.16
BETA-SESQUIPHELLANDRENE	9.98
SESQUITERPENOL	0.31
EPOXYDE SESQUITERPENIQUE	0.63
CADINA-1,4-DIENE	0.03
DELTA-CADINOL	0.08
MYRTENOL	0.03
NEROL	0.03
GERMACRENE B	0.45
CALAMENENE	0.09
ALPHA-CALACORENE	0.02
PARA-CYMENE-8-OL	0.03
GERANIOL *	0.2
DODECANAL	0.03
1,10-DI-EPI-CUBEBOL	0.04
CUBEBOL	0.05
CUBENOL	0.05
NEROLIDOL	0.49
ELEMOL	0.25
GUAJOL	0.04
HYDRATE DE 7-EPISESQUISABINENE	0.17
10-EPI-GAMMA-EUDESOL	0.13
GAMMA-EUDESOL	0.07
BETA-SESQUIPHELLANDROL	0.570
BETA-BISABOLOL	0.13
EPI-ALPHA-BISABOLOL	0.09
ALPHA-BISABOLOL	0.08
T-CADINOL	0.03
ALPHA-MUUROLOL	0.09
ALPHA-EUDESOL	0.16
BETA-EUDESOL	0.5
EUDESMA-7(11)-EN-4-OL	0.14
ALPHA-CADINOL	0.08
BETA-NOOTKATOL	0.09



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FARNESAL	0.14
ZINGIBERENONE	0.04
ZINGIBERENOL	0.22
ZINGIBEROL	0.06
XANTHORRHIZOL	0.04
ACORENONE	0.03
Total	94.75

* = Substance(s) allergène(s) / allergen(s)

** = Substance(s) classée(s) CMR / Substance(s) classified as CMR

