

**TECHNICAL DATA SHEET**

Effective date: 09.2020

**PURE CLOVE LEAF ESSENTIAL OIL****INFORMATION ON SUBSTANCE / MIXTURE**

I.N.C.I.	Eugenia Caryophyllus leaf oil
Manufacturing process	Natural product obtained by steam distillation of the leaves of Eugenia caryophyllata.
Part used	Leaves

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid at room temperature, more or less viscous
Color	Yellow, brown
Odor	Phenolic, spicy, pungent
Relative density	[1.027 ; 1.046]
Refractive index	[1.528 ; 1.535]
Optical rotation at 20°C	Not applicable
Flash point	100°C

**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store locked up. Store in a well-ventilated place. Keep cool.
Shelf Life	36 months under normal storage conditions.
Custom Tariff	3301291100

**LEGISLATION**

Regulation (EC) 1334/2008	Flavoring preparation (as per article 3.2.d.ii)
IFRA restrictions	Not explicitly regulated by IFRA. It contains maximum 92% eugenol; 0.5% isoeugenol; 0.2% methyl eugenol; 0.01% methyl chavicol; 0.01% farnesol; 0.1% benzaldehyde; 0.01% trans-2-hexenal; 0.01% benzyl alcohol; 0.1% benzyl benzoate classified "R" (restricted); 0.01% limonene and 0.1% linalool classified "S" (specified); 0.01% toluene classified "P" (prohibited).
Residual solvent(s)	Not applicable
CAS-No. (TSCA)	8000-34-8
CAS EINECS	84961-50-2
FEMA	2325
FDA	184.126
CoE	188n
EINECS	904-912-8 (284-638-7)
FCC	Registered

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RIFM monograph	Yes
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**LABELING**

Hazard pictograms	
Hazard statements	H302+H312 - Harmful if swallowed or in contact with skin. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Precautionary statements	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. P312 - Call a POISON CENTRE or doctor if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.
European Union specific hazard statements	None

**DISCLAIMER**

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.