



TECHNICAL DATA SHEET

Issue date: 28/01/2015

Revision date: 23/08/2021

CLOVE LEAF ORGANIC OIL

Version: 1.3

Supersedes version of:
11/02/2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

EXAFLOR
5 rue des Pyrénées
P.O. Box CP 30561
94653 Rungis Cedex - France
T +33 (0)1 41 73 23 10
exaflor@orange.fr - www.exaflor.co

Name : CLOVE LEAF ORGANIC OIL
Product code : BGIRHE02

SECTION 2: PRODUCTION PROCESS

Manufacture : Essential oil obtained by steam distillation of water from the leaves of clove (*Eugenia caryophyllus*)

SECTION 3: REGULATORY SITUATION

Botanical name : *Eugenia caryophyllus*
INCI Name : EUGENIA CARYOPHYLLUS LEAF OIL
Synonyms : CAS N° : 8000-34-8
8015-97-2
CAS-No. : 84961-50-2
EC-No. : 284-638-7
FEMA : 2325
FDA : 182.20
CEE : 188n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile.
Colour : Yellow. light yellow.
Odour : aromatic. spicy. strong. typical of the main component.
Flash point : 112 °C
Relative density : 1,033 – 1,053
Refractive index : 1,525 – 1,545
Optical rotation : 0 – 10 °
Solubility : Solubility in ethanol. Insoluble in water.
Composition : EUGENOL

SECTION 5: Handling and storage

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing mist, fume, dust, vapours.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Maximum storage period : 3 year
Storage temperature : 18 (5 – 25) °C

Exaflor Technical Data Sheet

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.