



TECHNICAL DATA SHEET

Issue date: 16/10/2015

Revision date: 30/08/2021

BLACK PEPPER ORGANIC OIL

Version: 1.2

Supersedes version of:
25/08/2020

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 : BLACK PEPPER ORGANIC OIL
Product code : BPOIHE01
Origin : Sri Lanka

SECTION 2: PRODUCTION PROCESS

Manufacture : Water-steam distillation of Piper nigrum fruits

SECTION 3: REGULATORY SITUATION

Botanical name : Piper nigrum L.
INCI Name : PIPER NIGRUM FRUIT OIL
Synonyms : CAS USA No 8006-82-4
CAS-No. : 84929-41-9
EC-No. : 284-524-7
FEMA : 2845
FDA : 182.20
CEE : 347n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Colourless. light yellow. light green. light blue.
Odour : spicy. fresh. woody.
Flash point : 43 °C
Melting point : Not applicable
Relative density : 0,86 – 0,91
Refractive index : 1,47 – 1,49
Optical rotation : -17 – -8 °
Solubility : Poorly soluble in water.
Composition : CARYOPHYLLENES, PINENES; D-3-CARENE

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Ensure good ventilation of the work station. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing mist, fume, dust, vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment.
Storage conditions : Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Incompatible materials : Heat sources.
Maximum storage period : 36 months Shelf life to guarantee the quality and properties of the product; After this period, it is recommended to control organoleptic and physicochemical properties before using the raw material.
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.