



TECHNICAL DATA SHEET

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ROSEHIP CANINA ORGANIC OIL

Version: 1.3

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

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Name : ROSEHIP CANINA ORGANIC OIL
Product code : BROSHV01

SECTION 2: PRODUCTION PROCESS

Manufacture : CO2 extraction or Cold Press of the seeds of Rosa canina

SECTION 3: REGULATORY SITUATION

Botanical name : Rosa canina
INCI Name : ROSA CANINA FRUIT OIL
Synonyms : CAS N° : 84603-93-0
CAS-No. : 84696-47-9
EC-No. : 283-652-0

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Clear.
Colour : orange. red. Yellow.
Odour : characteristic.
Flash point : > 300 °C
Relative density : 0,91 – 0,95
Refractive index : 1,47 – 1,49
Optical rotation :
Solubility : Soluble in. Ethers. Insoluble in water.

Acid value (mg KOH / g): max 4
Peroxide value (mEq O₂ / kg): max 10
Iodine value (g I₂ / 100g): 150-195
Unsaponifiable matter (%): max 1.5

Composition

FATTY ACIDS
C16:0 Palmitic acid : 2 - 11 %
C16:1 Palmitoleic acid : < 1%
C18:0 Stearic acid : 1 - 5 %
C18:1 Oleic acid : 10 - 25 %
C18:2 Linoleic acid : 35 - 65 %
C18:3 Linolenic acid : 18 - 38 %
C20:0 Arachidic acid : < 2.5 %
C20:1 Eicosenoic acid : 2 %
C22:0 Behenic acid : < 1%

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.
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 : 12 months
Storage temperature : 18 °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.