



TECHNICAL DATA SHEET

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BITTER ALMOND OIL (amgdalus)

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

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Name : BITTER ALMOND OIL (amygdalus)
Product code : AMAHE01
Origin : Morocco

SECTION 2: PRODUCTION PROCESS

Manufacture : Watersteam distillation of Prunus amygdalus kernel

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Prunus amygdalus L.
INCI Name : PRUNUS AMYGDALUS KERNEL OIL
Synonyms : CAS N° USA : 8013-76-1
CAS-No. : 90320-35-7
EC-No. : 291-060-9
FEMA : 2046
FDA : 162.20
CEE : 366n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid Clear.
Colour : Colourless. Yellow.
Odour : characteristic.
Flash point : 59 °C
Relative density : 1,035 – 1,055
Refractive index : 1,535 – 1,555
Optical rotation :
Solubility : Poorly soluble in water.
Water: at 20 °C
Composition : BENZALDEHYDE

SECTION 5: Handling and storage

Precautions for safe handling : Ensure good ventilation of the work station. 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. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Always wash hands after handling the product.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Maximum storage period : 2 year 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 : < 12 (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.