



TECHNICAL DATA SHEET

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LIME OIL DISTILLED

Version: 1.6

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

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Name : LIME OIL DISTILLED
Product code : LIMHE01
Origin : Mexico

SECTION 2: PRODUCTION PROCESS

Manufacture : Steam distillation from fruits of Citrus aurantifolia (Christm.) Swingle

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : Citrus aurantifolia (Christm.) Swingle
INCI Name : CITRUS AURANTIFOLIA OIL
Synonyms : CAS USA: 8008-26-2
CAS-No. : 90063-52-8
EC-No. : 290-010-3
REACH registration No : 01-2120138646-51
FEMA : 2631
FDA : 182.20
CEE : 141n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Colourless. Yellow. Greenish.
Odour : characteristic.
Flash point : 51 °C
Relative density : 0,856 - 0,865
Refractive index : 1,474 - 1,477
Optical rotation : 34 - 46 °
Solubility : Poorly soluble in water.
Composition : LIMONENE; G-TERPINENE; TERPINOLENE; A-TERPINEOL

SECTION 5: Handling and storage

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing smokes, vapours.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating equipment. Comply with applicable regulations.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
Maximum storage period : 12 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.
Maximal quantity : Not applicable
Storage temperature : 5 - 25 °C
Information on mixed storage : No specific measures are necessary.

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- Storage area** : Store in a well-ventilated place. Store away from heat. Keep away from any flames or sparking source.
- Special rules on packaging** : Store in a closed container. Never return spills in original containers for possible later re-use. Keep in the original container if possible.

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.