



TECHNICAL DATA SHEET

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LEMONGRASS OIL

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

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Name : LEMONGRASS OIL
Product code : LEMHE01
Origin : India

SECTION 2: PRODUCTION PROCESS

Manufacture : Water steam distillation of aerial parts of *Cymbopogon flexuosus*

SECTION 3: REGULATORY SITUATION

Identification of the product : Essential oil
Botanical name : *Cymbopogon flexuosus* (Nees ex Steudel) J.F. Watson
INCI Name : CYMBOPOGON FLEXUOSUS OIL
Synonyms : CAS USA No 8007-02-1
CAS-No. : 91844-92-7
EC-No. : 295-161-9
FEMA : 2624
FDA : 182.20
CEE : 38n

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : Liquid mobile. Clear.
Colour : Yellow. orange. brown.
Odour : characteristic. Green. fresh.
Flash point : 89 °C
Relative density : 0,885 – 0,905
Refractive index : 1,483 – 1,489
Optical rotation : -4 – -1 °
Solubility : Insoluble in water.
Composition : CITRAL (NERAL + GERANIAL); GERANIOL; GERANYL ACETATE

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 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.
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 : 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.