



## TECHNICAL DATA SHEET

Date of issue: 20/08/2014

Revision date: 02/09/2019

## MENTHA ARVENSIS (CORNMINT) OIL

Version: 1.4

### 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 - F +33 (0)1 41 73 23 19  
[exaflor@orange.fr](mailto:exaflor@orange.fr) - [www.exaflor.fr](http://www.exaflor.fr)

**Name** : MENTHA ARVENSIS (CORNMINT) OIL  
**Product code** : MENHE01  
**Origin** : India

### SECTION 2: PRODUCTION PROCESS

**Manufacture** : Watersteam distillation of stems and leaves of Mentha arvensis, and dementholized by freezing

### SECTION 3: REGULATORY SITUATION

**Identification of the product** : Essential oil  
**Botanical name** : Mentha arvensis L.  
**INCI Name** : MENTHA ARVENSIS LEAF OIL  
**Synonyms** : No CAS USA : 68917-18-0  
**CAS-No.** : 90063-97-1  
**EC-No.** : 290-058-5  
**REACH registration No** : 01-2119973492-30  
**FEMA** : 4219  
**CEE** : 492n

### SECTION 4: Physical and chemical properties

**Physical state** : Liquid.  
**Appearance** : Liquid mobile.  
**Colour** : Colourless. light yellow. Greenish. amber.  
**Odour** : characteristic. peppermint odour.  
**Flash point** : 75 °C  
**Relative density** : 0,89 - 0,91  
**Refractive index** : 1,457 - 1,465  
**Optical rotation** : -22 - -13 °  
**Solubility** : Poorly soluble in water. Soluble in. alcohol.  
**Composition** : MENTHOLS; MENTHONES

### 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** : Do not eat, drink or smoke when using this product. 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*