



## TECHNICAL DATA SHEET

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## WINTERGREEN OIL

Version: 1.5

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

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**Name** : WINTERGREEN OIL  
**Product code** : WINHE01  
**Origin** : Nepal, China

### SECTION 2: PRODUCTION PROCESS

**Manufacture** : Steam distillation of Gaultheria procumbens fresh leaves

### SECTION 3: REGULATORY SITUATION

**Identification of the product** : Essential oil  
**Botanical name** : Gaultheria procumbens L.  
**INCI Name** : GAULTHERIA PROCUMBENS LEAF OIL  
**Synonyms** : USA CAS : 68917-75-9  
**CAS-No.** : 90045-28-6  
**EC-No.** : 289-888-0  
**FEMA** : 3113  
**CEE** : 211

### SECTION 4: Physical and chemical properties

**Physical state** : Liquid.  
**Colour** : Colourless. light yellow. red.  
**Odour** : characteristic. Sweet. phenolic.  
**Flash point** : 94 °C  
**Boiling point** : 219 °C  
**Relative density** : 1,16 - 1,195  
**Refractive index** : 1,523 - 1,545  
**Optical rotation** : -4 - 2 °  
**Solubility** : Insoluble in water.  
**Composition** : METHYL SALICYLATE

### 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.  
**Hygiene measures** : Do not eat, drink or smoke when using this product. Wash skin with mild soap and water thoroughly after handling.  
**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.  
**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  
**Storage area** : Store in a well-ventilated place. Keep away from any flames or sparking source. Store away from heat.  
**Special rules on packaging** : Keep in the original container if possible. Never return spills in original containers for possible later re-use.

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.*