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|  | B762 PINE MOUNTAIN needle ORG OIL | Date : 16/09/2024 V 1 |
| | | Page 1 sur 2 |

Only for industrial use

1 - IDENTIFICATION

| | |
|----------------------------------|---|
| Type of product : | Organic Essential Oil |
| Botanical name : | Pinus mugo Turra (Syn : Pinus pumilio Haenke) |
| Part of plant : | Needle |
| Country of harvest / gathering : | AUSTRIA, ITALY |
| Country of manufacturing : | AUSTRIA, ITALY |
| Process : | Distillation |
| Natural content : | 100,00 % |

Preservative agent / Antioxidant / Preservative :

| Designation | N° CAS | % |
|-------------|--------|------|
| None | None | None |

Carrier :

| Designation | N° CAS | % |
|-------------|--------|------|
| None | None | None |

2 - PRODUCT CERTIFICATIONS

| | |
|------------------------|--|
| Kosher certification : | No |
| Halal certification : | No |
| Others : | ORGANIC : Coming from organic farming, certified by Ecocert France SAS FR-BIO-01 |

3 - ORGANOLEPTIC AND ANALYTICAL DATA

| | |
|-------------------------------|-------------------------|
| Odour : | Typical of pine needles |
| Appearance : | Liquid |
| Color : | Light yellow |
| Specific gravity (D20/20) : | 0,8530 / 0,8750 |
| Refractive Index (ND20) : | 1,4700 / 1,4850 |
| Optical Rotation at 20 °C : | -15,0000 / -4,0000 ° |
| GC profile (area%) : | Conforms to standard |
| GC(area%) Pinene alpha : | 13,00 / 22,00 % |
| GC(area%) Pinene Beta : | 3,00 / 14,00 % |
| GC(area%) Carene delta-3 : | 12,00 / 26,00 % |
| GC(area%) Myrcene Beta : | 3,00 / 13,00 % |
| GC(area%) Limonene : | 6,00 / 14,00 % |
| GC(area%) Phellandrene Beta : | 10,00 / 19,00 % |

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4 - REGULATION

INVENTORIES

N° CAS TSCA : 8000-26-8
N° CAS EINECS : 90082-73-8
N° EC : 290-164-1

| Country inventories | Listed | Country inventories | Listed |
|---------------------|--------|---------------------|--------|
| TSCA Active | Yes | ISHL | Yes |
| EINECS | Yes | KECI | Yes |
| AIIC | Yes | PICCS | Yes |
| DSL | No | NzLOC | Yes |
| nDSL | Yes | TCSI | Yes |
| IECSC | Yes | | |

FOOD

Inventories registration does not guarantee food grade status, use in food applications is under customer responsibility.

Food allergens (EC Regulation n° 1169/2011) : None

INVENTORIES :

N° FEMA : 2904
N° CoE : 339
N° FDA : 172.510

FRAGRANCE AND COSMETIC

INCI name (CosIng) : 100% PINUS PUMILIO BRANCH/LEAF OIL (Syn : PINUS MUGO LEAF OIL)
INCI name (PCPC) : 100% PINUS PUMILIO BRANCH/LEAF OIL (Syn : PINUS MUGO LEAF OIL)
INCI IECIC : Listed
INCI IECIC : PINUS PUMILIO OIL (Syn: PINUS PUMILIO BRANCH / LEAF OIL)

5 - PACKAGING, HANDLING, STORAGE AND SHELF LIFE

Store in the original closed container ambient temperature between 15°C and 25°C protected from air and light.

Shelf life : 36 Months

All our packaging are approved for food contact according to current European regulation.

6 - MISCELLANEOUS

This data sheet is completed to the best of our knowledge at the indicated date about above product(s) and remains the property of the issuer. As such the given information remains confidential.

The information above is given for guidance only. Although the greatest care has been taken to ensure its accuracy, changing regulations and individual product characteristics may require specification modifications or make it necessary to disclaim any warranty, expressed or implied, or liabilities. It belongs to the user, under his responsibility, to ensure the conditions and possibilities of use of the product(s), in particular with regard to laws and regulations. It's important to remind that the certifications and the manufacturing practices and environment are related to the grade (food/non-food) of the products. In case of dispute relating to the information communicated pursuant to regulations, only regulations in force shall prevail.

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