

Only for industrial use

1 - IDENTIFICATION

Type of product :	Essential oil
Botanical name :	Trachyspermum ammi (L.) Sprague (Syn : Carum copticum (L.) Benth. & Hook. f.)
Part of plant :	Seed
Country of harvest / gathering :	INDIA
Country of manufacturing :	INDIA
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 :	No

3 - ORGANOLEPTIC AND ANALYTICAL DATA

Odour :	Aromatic, animal and zesty
Appearance :	Liquid which can crystallized
Color :	Light yellow to orange
Specific gravity (D20/20) :	0,8900 / 0,9150
Refractive Index (ND20) :	1,4910 / 1,5050
Optical Rotation at 20 °C :	0 / 5,0000 °
GC profile (area%) :	Conforms to standard
GC(area%) Terpinene Gamma :	15,00 / 50,00 %
GC(area%) Paracymene :	10,00 / 35,00 %
GC(area%) Thymol :	28,00 / 45,00 %

This computerized document is not signed

Golgemma

Route de FA - 11260 - ESPERAZA - France

Tel +33.4.68.74.17.89 - E-mail : info@golgemma.com - www.golgemma.com

4 - REGULATION

INVENTORIES

N° CAS TSCA : 8001-99-8
N° CAS EINECS : 97676-13-6
N° EC : 307-690-5

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

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 : -

N° CoE : 111

N° FDA : -

FRAGRANCE AND COSMETIC

INCI name (CosIng) : 100% CARUM COPTICUM FRUIT EXTRACT
INCI name (PCPC) : 100% CARUM COPTICUM FRUIT EXTRACT
INCI IECIC : Not listed

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.

This computerized document is not signed

Golgemma

Route de FA - 11260 - ESPERAZA - France

Tel +33.4.68.74.17.89 - E-mail : info@golgemma.com - www.golgemma.com