

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**LIVECHE RACINES ESSENCE**

Manufacture PCW

Reference : LIVECHE RACINES ESSENCE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Levisticum officinale root oil
<i>Botanical name :</i>	Levisticum officinalis W.D.J. Koch.
<i>Description :</i>	Obtained by steam distillation of the roots of Levisticum officinalis W.D.J. Koch.
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Origin raw material :</i>	100% natural (Plant source)

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Yellow to dark brown
<i>Odour :</i>	Spicy, pyrogenic
<i>Density 20/20°C :</i>	[1.010 ; 1.090]
<i>Refractive index n (20/D) :</i>	[1.535 ; 1.558]
<i>Optical rotation (°) :</i>	[-1 ; +5]
<i>Peroxides value mmol/kg :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	62

2 - COSMETIC REGULAR DATA

<i>CAS number :</i>	8016-31-7 ; 84837-06-9
<i>AFNOR / ISO :</i>	/
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	Restricted (49th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Statut kosher :</i>	-
<i>Hallal status :</i>	-

2.1 - REGULAR DATA FLAVOURS

<i>Food allergens (Reg. 1169/2011/EC) :</i>	-
---	---

LIVECHE RACINES ESSENCE

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Natural status (Reg. 1334/2008/EC) : Flavouring preparation

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 36 months, according to storage conditions

Tunnel codes ADR : E

Custom tariff : 3301 29 41 00

4.1 - STORAGE

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Hydrocarbons), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Hydrocarbons), 9, III

Marine pollutant :

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Hydrocarbons), 9, III

LEGISLATION :

NEPA (China) : CB3275843

ISHL (Japan) : Not listed

ENCS (Japan) n° : Not listed

ECL (Corée du Sud) n° : KE-27031

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

ECSI (Taiwan) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

IECSC (China) : Listed

FEMA : 2650

FDA : 172.510

COE (Council of Europe) : 261n

PICCS (Philippines) : Listed

EINECS (EU) : 284-292-7

RIFM - ID N° : 813-A2.12

C.A.S : 8016-31-7 84837-06-9