GRĒNE

SPECIFICATION SHEET

White wine lees France EO CONV

CODE GRENE : 01L/VITVIN2

PRODUCTION :

white wine lees essential oil is obtained by hydrodistillation of dead yeast of *Vitis vinifera* L., (cultivated varieties), of the family : Vitaceae.

COUNTRY OF ORIGIN (harvesting and transformation) : France

QUALITY : vegetal, pur and natural

LEGISLATION :

CAS TSCA : 8016-21-5

CAS EINECS : /

EINECS : 232-403-4

FEMA : 2332

CoE : 485

FDA : 182.50

REACH : Not applicable

INCI (Cosing) : VITIS VINIFERA OIL

INCI (PCPC) : /

SPECIFICATIONS :

- **Sensory quality :**

Aspect	Liquid, clear
Color	Colorless to pale yellow
Odor	Alcoholic, fermentation, wine, fruit

- **Analytical quality :**

Density (20°C)	0,88 - 0,94
Refractive index (20°C)	1,36 - 1,41
Optical rotation (20°C)	-5° à 5°
Peroxide index	Not applicable

- **Chromatographic profile (main compounds) :**

Ethyl octanoate
Ethyl decanoate
Decanoic acid
Ethyl dodecanoate

- **Molecules not added in this raw material and not detectable in GC at 100 ppm (only molecules detectable by this methode) :** phtalates, additives, preservatives, antioxidants, formol, nonylphenol, muscs, acrylamide, lyral, lilial, atranol, chloroatranol, asbestos, free amines, formaldehydes, nitroamines, ethylene oxide, triethanolamine, 1,4-dioxane, residual solvents, glycol ether, SVHC.

- **Eucalyptol, menthol, camphor (detection level : 100 ppm in gas chromatography) :** not detected

- **CMR (detection level : 100 ppm in gas chromatography) :** not detected

- **CMR (P65) (detection level : 100 ppm in gas chromatography) :** not detected

- **VOC :** please see the chromatography of the raw material enclosed with the certificate of analyses.

- **Furocoumarins :** this essential oil is not known to contain furocoumarins. Moreover, it is not listed in the IFRA standard "Citrus oils and other furocoumarins containing essential oils."

- **Animal tests :** according to the 1223/2009/CE regulation, we have not carried out tests on animals with this raw material.

- **BSE :** this raw material is not concerned by the BSE hazard (Bovine Spongiform Encephalopathy)

- **GMO :** this raw material has not been subjected to, or derived from, any technique of genetic modification and that none of the materials used in the preparation or manufacture of the materials has been subjected to, or derived from, any technique of genetic modification.

- **Allergens :** certificate on request

- **1223/2009/EC regulation :** certificate on request

- **IFRA :** certificate on request

- **Other information :** this raw material has not been ionised and no nanomaterial has been used during its production and packing.

- **Vegan:** This raw material contains no animal ingredients or by-products.

- **Palm Oil:** This raw material contains no palm oil.

PACKAGING, STORAGE, SHELF LIFE :

HDPE drum

Ambient teperature

37 Months