

Excipient
SOLUBOL[®] NV oral emulsifier
Code H035

Preparation for aromatic drinks, support and emulsifying for Essential Oils
Product of vegetable origin and without conservative, complies with food use (contains: soy)

Composition

Vegetal glycerine (50,00% to 70,00%) – E422
Water (20,00% to 30,00%)
Soy lecithin (1,00% to 10,00%) – E322
Natural extract of coconut (0,01% to 5,00%)
Trisodium citrate (0.01% to 1,00%) – E331iii
Ascorbic acid (0,01% to 0,10%) – E300
Citric acid (0,01% to 0,10%) – E330
Vitamine E acetate (0,01% to 0,10%) – E307
Sunflower oil, Extract of rosemary (0,001% to 0,10%) – - , E392

Put aside the antioxidants, SOLUBOL[®] NV does not contain preservative. It is protected from the bacterial proliferations by its weak activity out of water. It is thus to quickly consume after dilution by water.

Use

Use product concentrated to consume after a minimal dilution of 20 times. SOLUBOL[®] NV allows the incorporation from 20 to 25 % of an essential oil or an essential oil complex. The mixture obtained not being stable, it is necessary to agitate the product before its use (a fraction of essential oil goes back on the surface to more or less long term, at several hours according to its nature).

To obtain a drink in the form of a stable emulsion, it is enough to put the mixture oils essential/SOLUBOL[®] with the bottom of glass and to add water, or to deposit some drops directly in herb tea or water glass.

Essential oil	2 ml
SOLUBOL [®] NV	8 ml

Mix and agitate well before its use. Put 10 drops of this mixture (10 drops of this mixture correspond to approximately 2 pure essential oil drops) in water glass or a herb tea or a soup, according to the recommendations of the essential oil.

It is preferable to make the preparation in a bottle or of a higher volume to agitate correctly.

The prepared solution being sometimes too thick to pass correctly in certain accounts drops, it is also possible to apply the mode of preparation according to :

Essential oil :	2 ml
SOLUBOL [®] NV :	8 ml
Water or hydrolate :	10 ml

Mix the whole in a bottle of 25 or 30 ml and to agitate before use. Use 2 Essential Oil drops, it will be enough to put 20 drops of this mixture in herb tea or water glass

Organoleptic specifications

Odor :	Light walnut note
Appearance :	More and less viscous liquid
Color :	Yellow straw slightly which can sink with time

Physicochemical specifications at 20 °C

pH :	6.0 à 7.5
Viscosity :	40 à 55 mPa.s
Water activity A_w	< 0.65
Relative density :	1.150 à 1.200
Refractive index :	1.430 à 1.440

Bacteriological data

Salmonella :	Absence / 25g
Yeasts :	< 10 / g
Moulds :	< 10 / g
Total plate count :	< 1000 / g

Origin

Country of manufacturing : FRANCE

Conservation

Expiry date : 2 years, safe from the light and at a temperature lower than 25 °C. Hygroscopic product to hold safe from moisture carefully

Jean François DENAT
Regulatory Manager (electronically generated, no signature)
Date : 06/12/2021
Version : V0451

*This document 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.*