

INTELLECTUAL PROPERTY

Patent pending
Functioning prototype available

PARTNERSHIPS

Licensing
R&D Collaboration



UNIVERSITÉ
CÔTE D'AZUR

Natural Heptane

NEW SOURCE OF 100% NATURAL SOLVENT



Applications

Ecological solvent for
perfumes, fragrances,
cosmetics and
Industrial use

TECHNOLOGY

The identification by gas chromatography-mass spectrometry of the chemical composition of a natural essential oil of a particular plant has allowed to highlight a high percentage of heptane. This discovery identified a renewable source of natural heptane. The eco-solvent thus obtained is then exploitable in the field of extracting the fragrant principles of plants for an application in the field of perfumery, flavors and / or cosmetics.

PROBLEM ADDRESSED

Natural ingredients are compounds which are derived from natural sources such as flowers, fruits, spices and grasses among others. Since they are derived from natural resources they do not contain any toxic content thus making them more desirable to use. The increasing importance of using natural ingredients is largely supported by all major industries.

ADVANTAGES

Natural Heptane from can be considered as an ecological solvent that meets the criteria of green chemistry :

- persistence
- the risks of release
- possible reactions and decompositions
- toxicity (acute or chronic)

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