



A VERSATILE RAW MATERIAL



THE
RESULTS OF
SUSTAINOLIVE

SUSTAINOLIVE.EU

NON-FOOD USES

The chemical composition of olive oil renders it with a range of really useful properties beyond the food field. For instance:

Effects on the skin: it moisturizes, removes skin spots (make-up remover) and lubricates (shaving base)



COSMETIC

It cleans and polishes surfaces



FURNITURE
CLEANING

It degreases surfaces and removes embedded dirt



KITCHENWARE
CLEANING

It lubricates and loosens mechanisms



LUBRICANT

It relieves the sore throat



ANTI-IRRITANT

AN ANCIENT TRADITION

extra info

Manufacturing homemade soap with the waste from olive oil used for frying is a very old habit in the Mediterranean. There is evidence that in ancient Syria (10th century BC) olive oil-based soap was already made. Besides being used to wash clothes, homemade olive oil soap gives excellent results in scrubbing floors and shows a range of cosmetic properties (skin care, pimples and bites treatment, etcetera).

DID YOU KNOW THAT...

circa **105 million liters of used olive oils** are produced each year in Spain, of which only 10% is stored for recycling? The remaining 90% ends up in the drain. If this big amount of discarded olive oil were used to make soap, the equivalent of **12.5 times the weight of the Eiffel Tower** could be produced.



extra info

AN ENTREPRENEURIAL INITIATIVE

Various women's associations in Morocco have joined to conduct training in the manufacturing of olive oil soaps, with the aim of setting up a new professional option in their territories. In total, **about 50 women between the ages of 19 and 65** have been gaining the knowledge and skills that will contribute to their **economic empowerment**.

Rayhan
Cooperative
(Zinat, Tetouan)



Eel Houda
Association
(Ouezzane)

Tismounine
Association
(Amizmiz,
Marrakech)



THE PREPARATION

254 grams of sodium hydroxide (caustic soda) are weighed



Sodium hydroxide is mixed with 640 grams of water



2 kilograms of olive oil are added to the previous mixture



The essences are added and the mixture is gently beaten until it thickens



The mixture is poured into a mold and allowed to solidify at room temperature



The soap is let to dry until it becomes hard to cut comfortably



The soap is stored in a dry and well-ventilated place to mature and dry completely during the following weeks



THE PRODUCT

ALMOND
essence
soap



MINT
essence
soap



JASMINE
essence
soap



VERBENA AND
MULTI-FLOWER
essence soap



MANDARIN
essence
soap



BASIL
essence
soap



CINNAMON
essence
soap



KEEP
IN MIND
THAT...

the diversification of production is one of the keys to the success of any company. In the future, olive groves will likely be: i) cultivated along with **other crops or aromatic plants** that are drought-resistant, ii) employed to produce **marketed cosmetic products**, iii) used for scheduled **oleotourism guided tours and events** and iv) used as key inputs for **experimental plots available for research**, both private and public, with the purpose of improving the environmental and social legacy of the farms.

When do we start?