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BRIEF OVERVIEW OF MICROENCAPSULATION TECHNOLOGY

THE TECHNOLOGY KNOWN AS "MICROENCAPSULATION" ALLOWS THE CONTAINMENT OF ANY **LIPOSOLUBLE ACTIVE INGREDIENT** INSIDE A "CAPSULE", AND ITS PROTECTION AGAINST EXTERNAL AGENTS.

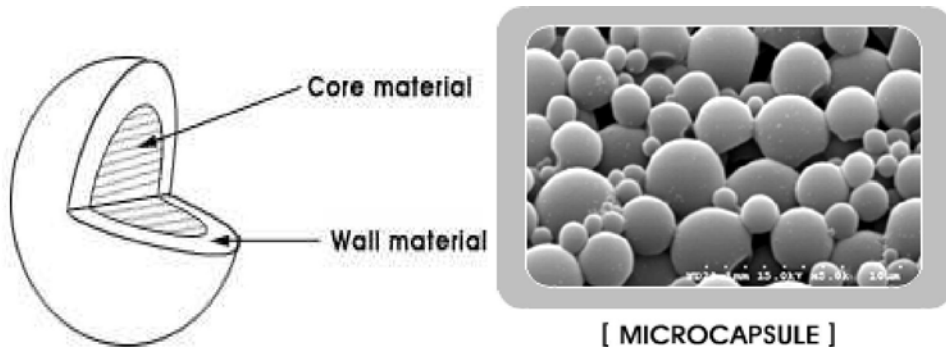
AN ACTIVE INGREDIENT IS ENCAPSULATED IN ORDER TO CONTROL ITS RELEASE AND TO CONSERVE ITS EFFECTS FOR THE LONGEST POSSIBLE TIME.

THE MICROENCAPSULATED ACTIVE INGREDIENT CAN BE RELEASED BOTH SLOWLY AND PROGRESSIVELY, OR QUICKLY BY BREAKING THE "CAPSULE" THROUGH THE APPLICATION OF SLIGHT PRESSURE.

THE SIZE OF THE MICROCAPSULES VARIES BETWEEN 1My AND 10My.

MICROENCAPSULATION CHARACTERISTICS

- INCREASES THE LONGEVITY AND RATIONALIZES THE RELEASE OF THE CONTAINED ACTIVE INGREDIENT
- PROTECTS SUBSTANCES FROM THE EFFECTS OF SPECIFIC ENVIRONMENTS (HEAT, Ph..)
- MINIMIZES LOSSES DURING THE MANUFACTURING PROCESS



Classification	Slurry Type (for water-based)
Appearance	Milk-white emulsion
pH	5 ± 1 (adjustable)
Solid content	44%
Average size	1~5
Aroma contents	10 - 20%
Ionic property	weak anion
Dispersibility	Good

MICROENCAPSULABLE PRODUCTS

Our company is a leader in the Microencapsulation of LIPOSOLUBLE active ingredients in Italy, ingredients such as:

PERFUMES
 AROMAS
 FRAGRANCES
 ANTI-MITE INGREDIENTS
 MOSQUITO REPELLENTS
 SANITIZING SUBSTANCES (TRICLOSAN)
 ALOE CALENDULA-GINSENG
 EMOLLIENT OILS
 SOOTHING OILS
 SUBSTANCES WITH DEODORIZING PROPERTIES

These micro-encapsulated products are used in the following products:

- Softeners with long lasting fragrances

- "Intelligent" fabrics
(scented, deodorizing, emollients...)

- Scented and soothing paper
(handkerchiefs, toilet paper, tissue...)

- Floor cleaners with slow-release scents or long lasting antibacterial properties