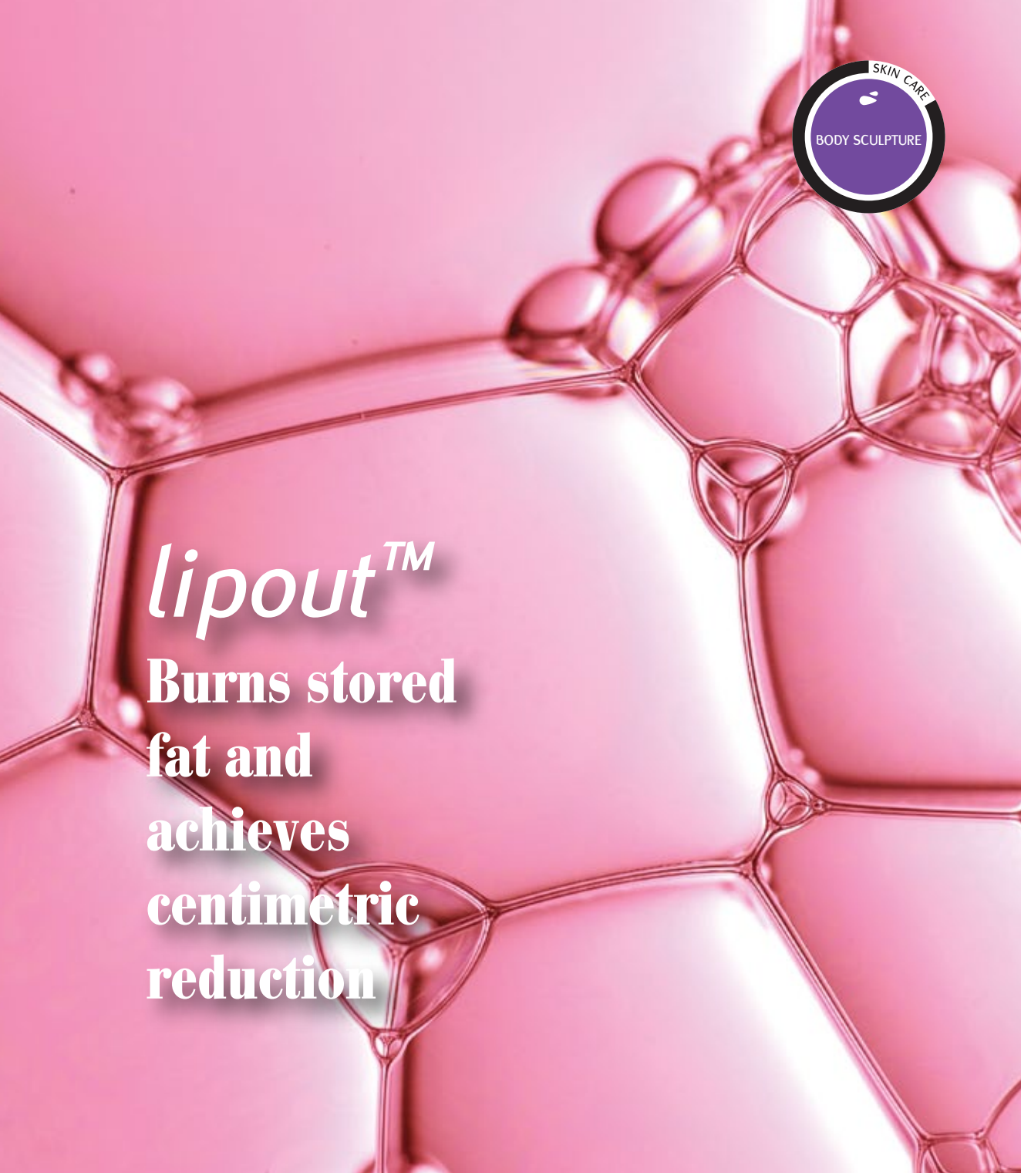



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For a beautiful life from cells to the skin

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# *lipout*™

Burns stored fat and achieves centimetric reduction

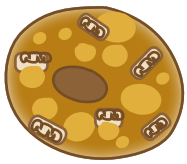
## How to burn stored fat?

- Modern life with unbalanced food intake and sedentary lifestyle leads to an excess of fat storage.
- Fatty tissue is also a source of cellulite, an aesthetic condition affecting more than 85% of women.

## 3 types of adipocytes

*RECENTLY DISCOVERED*

**Brown**



Small drops of fat, many mitochondria.

Fat burners.

**White**



One single drop of fat, few mitochondria.

Fat storage oriented.

*lipout*™

**Active beige**

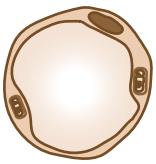


Brown-like.

Fat burners when activated.

*lipout*™

**Inactive beige**



White-like.

Fat storage when inactived.

**_lipout_™ is a fat burner that transforms fat storing adipocytes into fat burning ones = ACTIVATION OF BROWNING AND THERMOGENESIS**

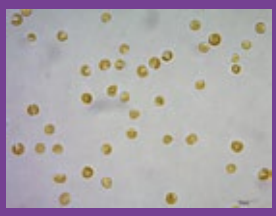
### *lipout*™

induces the browning of white adipocyte cultures and stimulates thermogenesis, thus:

- Burns fat.
- Reshapes body contours.
- Reduces volume.
- Removes cellulite.
- Improves elasticity and firmness.

### *lipout*™

is obtained from Tisochrysis lutea, a unicellular microalgae standardized in xanthophylls and rich in polyunsaturated fatty acids.



This algae is a renewable resource of valuable actives, since it is cultivated in closed photobioreactors to obtain a high quality product while reducing the impact on the natural environment.

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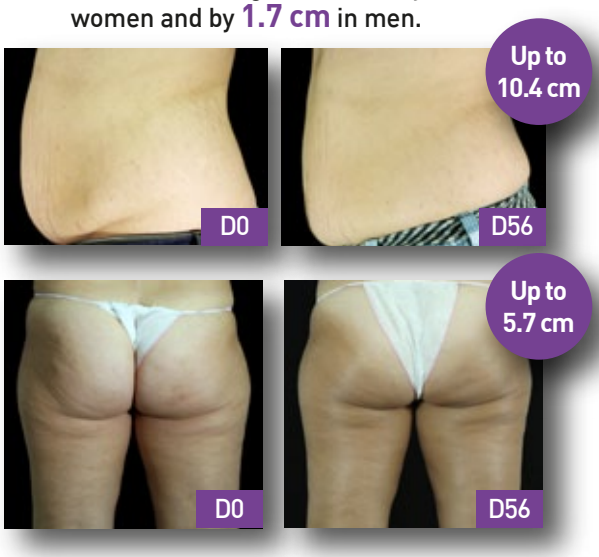
# *In vivo efficacy*

61 volunteers between 18-60 years old; 21 women + 10 men applied placebo and 20 women + 10 men applied *lipout*™ (3%), twice a day during 2 months. Women, with BMI›23, applied the formulation on abdomen, thighs and hips; men, with BMI›25, only on abdomen. Measurements taken at D0, D28 and D56. Results vs. placebo.

## Slimming and anti-celullite effect

*lipout*™ reduces the perimeter of all areas evaluated:

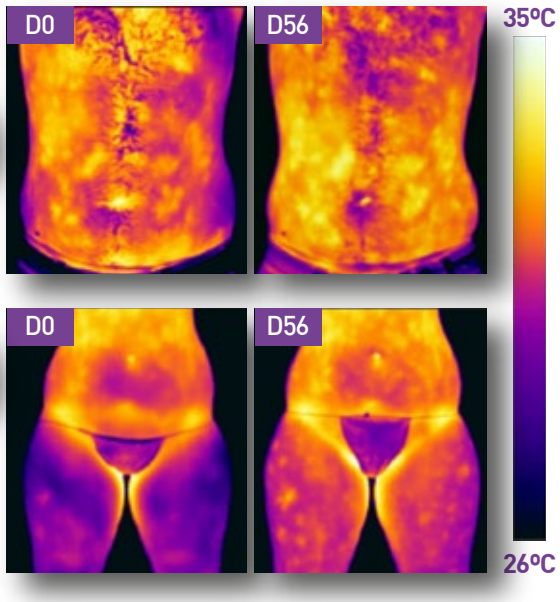
- Thighs average reduction by **1.4 cm**.
- Hips average reduction by **1.3 cm**.
- Abdomen average reduction by **2.2 cm** in women and by **1.7 cm** in men.




*lipout*™ **is a slimming active which reduces fat volume and blurs cellulite appearance**

## Fat burning activation

*lipout*™ increases skin temperature indicating a high activity of thermogenic and fat-burning processes (orange-red areas).




*lipout*™ **switches thermogenically inactive tissue over to fat-burning one**

## Other in vivo results at D56

- Subcutaneous fatty layer thickness:
  - -25.5% in thighs.
  - -49.9% in hips.
  - -29.3% in women abdomen.
  - -66.5% in men abdomen.
- -10.7% Sa (average roughness) and -13.9% Sz (mean of 5 max. peaks and 5 min. valleys).
- +24.8% elasticity and +25.5% firmness in upper skin layers.
- +19.3% elasticity and +28.9% firmness in deeper skin layers.

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# lipout™

Burns stored fat and achieves centimetric reduction

## cosmetic applications

- Slimming and modeling products
- Cellulite prevention and treatment
- Complementary ingredient in body care (hydrating, firming, sun tanning, etc.)

## Technical specifications

### lipout™ 72190

| | |
|---|---|
| PROPERTIES | Activates the browning process and the thermogenesis in subcutaneous adipocytes to burn fat from adipose tissue, both men and women.<br>Slimming and anti-cellulite effect. |
| ACTIVES MOLECULES | Xanthophylls |
| APPEARANCE | Transparent Liquid<br>Greenish brown color |
| SOLUBILITY | Soluble in oil<br>Insoluble in aqueous solutions |
| RECOMMENDED DOSE | 1 - 3 % |

## Formulation

### Slim Reducing Concentrate

| | INCI / PCPC | % (w/w) |
|---|---|---|
| A | Aqua (Water) | 64.65 |
| | Glycerin | 2.00 |
| | Dehydroxanthan Gum | 1.00 |
| | Aqua (Water), Tetrasodium Glutamate Diacetate, Sodium Hydroxide | 0.20 |
| | Pentylene Glycol | 5.00 |
| B | Palmitoyl Proline, Magnesium Palmitoyl Glutamate, Sodium Palmitoyl Sarcosinate | 2.50 |
| | *Avocado Oil* | 5.00 |
| | Triisostearin | 3.00 |
| | *Seaweed (Fucus) Oil* | 2.00 |
| | *lipout™* | 3.00 |
| C | Aqua(Water), Sodium Hydroxide | 0.20 |
| D | HDI/Trimethylol Hexyllactone Crosspolymer, Silica | 1.00 |
| E | Parfum (Fragrance) | 0.20 |
| | Alcohol Denat. | 10.00 |
| F | Bismuth Oxychloride, Mica, Chromium Oxide Green (CI 77299) | 0.25 |