

Liposilt® Green PF & Black PF

Nature's Treatment Product



PRODUCT: Liposilt®

EINECS #: 245-423-3

INCI NAME: Silt

CAS #: 23089-26-1

Liposilt® is a naturally occurring bioactive silt, rich in organic components ideal for nourishing, moisturizing and treating hair and skin. Existing in and collected from only two of the 240 freshwater lakes in Eastern Europe, **Liposilt®** is a finely dispersed hydrated organic multi-component colloid of fresh water sediments. Two types of **Liposilt®** are collected from these lakes, **Liposilt® Green PF** and **Liposilt® Black PF**. Each has unique properties derived from its methods of formation.

Liposilt® Green PF is collected from depths that lack oxygen, thus its decomposition occurred at a relatively slow rate. It contains chlorophyll and carotenoids from blue green algae. **Liposilt® Black PF** is collected from an oxygenated portion of the lake and therefore underwent more massive decomposition and oxidation than **Liposilt® Green PF**. Both **Liposilt® Green PF** and **Liposilt® Black PF** contain humic acid, organic nitrogen and free fatty acids. **Liposilt® Green PF** contains less humic acids than **Liposilt® Black PF**. Both types of **Liposilt®** contain more than 90% organic matter. Clinical studies have shown that **Liposilt® Black PF** improves the surface characteristics of the skin, creating a more even skin tone and increasing moisture levels while simultaneously reducing sebum content. **Liposilt® Black PF** was superior to Dead Sea Mud, Fango Mud and Moor Mud in these aspects (data on request). **Liposilt® Green PF** was shown to increase cell turnover by 16%, shortening it from 19 to 15 days.



One of the two fresh water lakes in Belarus where **Liposilt®** is collected.

KEY BENEFITS

- Increases Moisture (Liposilt® Black PF)
- Increases Cell Turnover (Liposilt® Green PF)
- Removes Sebum
- Evens Skin Tone
- Improves Surface Characteristics

IDEAL FOR USE

- Facial Masks
- Body Wraps
- Hair Treatment Products
- Moisturizing Creams & Lotions
- Bar Soaps
- Bath Soaks
- Skin Cleansers
- Spa Products

TYPICAL PROPERTIES OF LIPOSILT® GREEN PF* LIPOSILT® BLACK PF*

Appearance	Olive-dark green gelatinous colloid	Black gelatinous colloid
Odor	Characteristic, mild	Characteristic, mild
% Solids	3-8	4-8
Ash Content, % Max	2	5
Recommended Use Level	1-100	1-100
Solubility	Partially soluble in water & slightly soluble in alcohol & esters	Partially soluble in water & slightly soluble in alcohol & esters

*Preservative System: Benzyl Alcohol, Dehydroacetic Acid, Benzoic Acid Sorbic Acid and Phenoxyethanol



ACTIVE INGREDIENTS

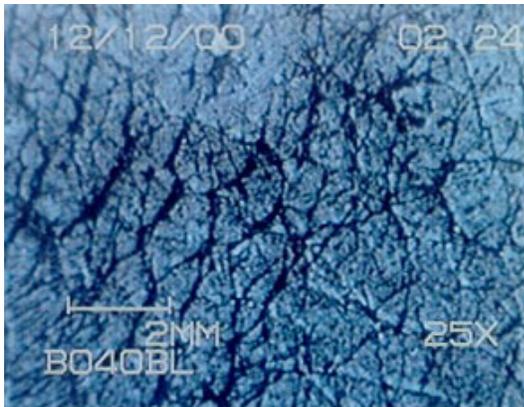
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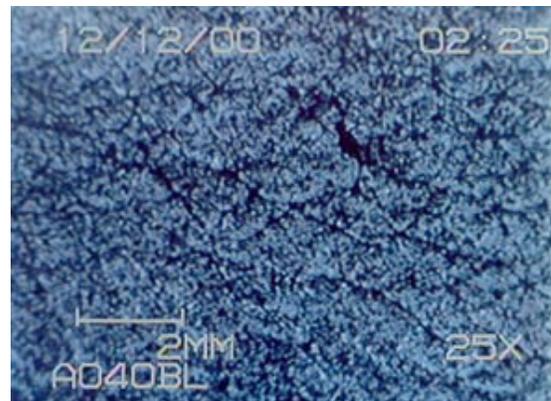
Evaluation of Liposilt Black PF on Skin Surface Characteristics

The photos below demonstrate the significant moisturization effect of **Liposilt® Black PF**. Before applying **Liposilt® Black PF**, the skin's surface exhibited noticeable fractures that may indicate imperfections. After a 45 minute application of **Liposilt® Black PF**, the majority of these fractures were no longer visible indicating that **Liposilt® Black PF** increases skin moisture levels and may contribute to the exfoliation of the top layer of skin.

BEFORE TREATMENT



AFTER TREATMENT



Skin surface characteristics were evaluated using D-Squame® tape technique. Tapes were mounted on microscopy object slides and visually assessed by a Scopeman 503 Video Imager (Moritex, USA).



Liposilt® is gentle yet effective for facial skin treatments.



Liposilt® is an ideal body mask treatment.

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