

Conclusions

On the basis of the investigation carried out by the dermatologists (physicians), assessment of probands and history data taken in accordance with the Article 11, Paragraph 1, p. 4, 6 of the Act on Cosmetics (*Ustawa o Kosmetykach z dnia 30 marca 2001 r, Dz. U. z 2001 nr 42 poz. 473*) it is stated as follows:

- Considering the entirety of data gathered during the investigation carried out, no symptoms that would indicate harmful influence on human skin (e.g.: allergic, toxic or irritative) of the preparation /ointment “**BIOARPIL**”/ have been revealed. Epidermal tests proved negative.
- The evaluation does not concern and does not apply to the persons allergic to any of the ingredients present in the preparation.
- The preparation investigated is in compliance with the norms of the safety of use and health safety concerning cosmetics of the properties declared (the Act of the 30 of March 2001 – Article 11, Paragraph 1, p. 4).
- Information data delivered by the probands suggests that the preparation was well tolerated by virtually all of the participants. None of the participants noted actual individual complaints, that is: itchiness, burning sensations, astringency or other complaints indicative of negative influence on the skin.
- It is proved by the probands and apparatus-based tests that well composed active ingredients such as:
 - Mineral oils (Petroleum), biooils containing complex of active ingredients rich in unsaturated fatty acids, biologically active compounds such as natural vitamins, (among them A and D), phospholipids, phytosterols – intensively and deeply moisturize, nourish and thus protect the skin against unfavourable, environmental factors. The composition also regenerates dry epidermis and prevents the skin from becoming dry;
 - Lavender oil, eucalyptus oil, Three-lobed Beggarticks herb (*Bidens tripartitae*), chamomile (*Marticaria Chamomilla*), lisozyme or honey – ensure antiseptic, anti-inflammatory properties thus provide healing process;

- Salicylic acid exfoliates and removes the outer layer of keratinized epidermis contributing to its renewal and the regeneration of damaged cells.
- The investigation performed proved that the combination of safe, natural, active ingredients eases ailment-related symptoms such as: itchiness, scaling and seborrhea.
- The probands who suffered psoriasis and physicians attending the evaluation of the properties of the ointment noted distinctly quicker regression of the symptoms.
- During the evaluation process it had been observed that the preparation contributes to the liquidation of the dead cells of epidermis what might be attributed to the properties of salicylic acid. Additionally, thanks to the presence of variety of unsaturated fatty acids the preparation enhances nourishment and regeneration within psoriasis affected patches of skin.
- Probands observed limitation of scaling, reddening (flare) and flattening of psoriasis-caused papule.
- Participants in the investigation who suffered eczema and atopic inflammation of the skin confirmed that the ointment proves anti-inflammatory, reduces itchiness thus reduces infection development and precipitates the regression of the lesions.
- The preparation quickly and effectively soothes irritation, eliminates coarseness, scaling and related subjective astringency and burning sensations.
- In opinion of probands and physicians supervising the investigation given composition of ingredients found in the preparation intensively nurtures and regenerates the skin.
- The probands confirmed that the preparation's properties protect the skin from harmful influence of external factors.
- Apparatus-based tests validated reports of the probands as it has been demonstrated that up to 3 hours after the application of the preparation the outer layer of epidermis is coated with a protective layer that reduces the evaporation of the water out of the horny layer of epidermis therefore preserve proper moisture of deep layers of skin.
- It was noted that thanks to proper and deep nourishment the ointment reduces unpleasant, itchy, burning sensations attributed to inflammatory conditions.
- It was demonstrated that ointment can be easily applied to the skin and spread leaving delicate film on the surface of the skin.
- Investigated preparation has excellent adhesive properties however if needed it can be easily removed.
- The preparation has appropriate, long-lasting and non-alternating effect while application.

- Regularly applied – it has positive and beneficial effect on existing changes on the skin and coexisting ailments thus it gradually improves appearance of the skin and one's comfort.
- Tested preparation is in compliance with the properties and features described by the producer.

DIAGNOSTIC-TEST

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