



# Halit

**the business  
proposition**



# THYROID HORMONES

They control the development and function of:

the brain and nervous tissue

the thyroid

the heart and the circulation

the alimentary canal

the ovaries

the skin and the hair

the bones

Long-term iodine deficiency and a thyroid dysfunction often leads to:

a developmental disorder in children, focus inability and depressions

a goitre, thyroid diseases

a high blood pressure, a slow heartbeat, arteriosclerosis

constipation, diarrhoea

menstrual disorders, infertility, a lower potency and libido

dry skin, brittle hair, hair loss

growth disorders

Iodine is a vitally important trace element



Ing. Petr Bolek, 742 74 TICHÁ 544, CZ

[www.halit.cz](http://www.halit.cz)



在联合国儿童基金会和世界卫生组织精神的感召下，人们对人体中的碘含量问题日益关注。医学研究证明，人体内碘含量不足很可能会诱发神经和心理活动的高风险，儿童发育迟缓，并可能导致很多其他疾病。国际组织和各国政府为解决食物链中碘含量缺失的问题，选择不断在某些食物和饮料中添加碘，以保证碘的最低摄入量。

此外，许多国家正在越来越多地将碘化合物作为浴疗学外用治疗药剂。

早在上个世纪末，HALIT公司就已经开始集中地处理复杂的碘的应用问题，以便从预防和治疗的角度向使用者们推荐碘的口服，药浴，外敷和吸入剂的日摄入量。

历经制备方法的不断升级，碘浓缩液现在已经具备高生物活性，被身体极易吸收等特性。目前它不仅被以规定的比例添加在包装饮料中，而且在许多食品供应部门也得到应用。加碘盒装饮料在整个欧洲市都极为普遍。

此外，该公司康复制剂的生产，源自一百年前成功地根据浴疗学理论，利用天然溴化碘地下水进行治疗和康复的经验。因此，它生产出来的浓缩液稀释之后便具有治疗的作用，且不受地域的限制。近日，阿拉伯酋长国就对这样一种产品表示出了浓厚的兴趣。

请您参阅附件“HALIT the business proposition”，获取更为详细的产品信息。此致，

敬礼！

彼德·瓦夫拉

商务参赞

捷克驻华使馆 商务处



Dear Sirs,

**an increased attention has been paid currently to the issue of iodine presence in human body by virtue of UNICEF and the World Health Organization initiatives. Medical research has clearly proven that insufficient levels of iodine show a high risk mainly on neural and mental activities, retardation in children and can result in a wide spectrum of other diseases. The aim of international organizations and governments is to sort out the lack of iodine in the food chain by doping selected food or preferably beverages by iodine in order to ensure the minimal dose of iodine continuously.**

**Moreover, many countries are increasingly using iodine compounds for external use as a therapeutic agent in balneology.**

**Since the end of the last century, the company HALIT has been intensively dealing with the complex issue of iodine use in order to provide the user with a recommended daily dose of iodine due to preventive and healing reasons both in the form of internal use and curative baths, compresses and inhalations.**

The methods of the concentrated aqueous iodine solution preparation have been developed providing high biological activity and absorbancy by the body and can be trouble-free dosed in the required ratio not only to packed beverages, but it can be also used in many food supply branches. Packed beverages doped with iodine have been routinely distributed across Europe.

**Additionally, the stated company produces healing preparations, originating from a hundred years verified practice of balneological use of natural iodine-bromine underground waters for healing and revitalization purposes. Hence the produced concentrates enable to realize healing procedures without dependency on the localization of iodine-bromide underground waters by mere dissolution and dissolving liquid concentrates. Recently, Arabian Emirates have shown eminent interest in the stated products.**

**More detailed information about the offered products is included in the attached material entitled HALIT the business proposition.**





[www.halit.cz](http://www.halit.cz)

## The company Ing. Petr Bolek - Halit

- has been an established company in the Czech market and it has more than eight-year tradition in the sphere of processing – production and distribution of products made of “briny waters” and natural raw materials.
- manufacturing and distribution assortment of the company - **IODINE PREPARATIONS** - is divided in about **8** relatively independent lines.
- is a joint proprietor of three internationally recognized **utility models (patents)** and of a **complex know-how** concerning iodination generally serving for utilization in number of industrial branches.
- the manufactured products have already been well-established in the market and they have their own application specifically:



## I. Natural iodine concentrate (IC)



- is declared as a **food complement** and it serves first of all to iodination of **packed potable waters**.

- is an important part of solution of worldwide problem of iodine deficiency in human body called **Iodine Deficiency Disorders (hereinafter referred to only as IDD)** – disorder caused by a iodine deficit (see web sites of UNICEF and supported especially at: [www.glf.org/pressroom](http://www.glf.org/pressroom) - **Bill & Melinda Gates Foundation**).

Our company obtained a "**HEALTH CERTIFICATE**" from competent authorities with worldwide validity to produce iodine concentrate and consequently to produce a final product - iodinated waters within the worldwide problem of "**Solution of deficit of iodine within the human body**".

### Natural iodine concentrate - IC (s value about 10 000 mcg/l)

solves the daily supply of natural iodine to the human body with the value about 80 mc(micrograms) in one litre of the iodined water served by the form of drink regime. The natural iodine concentrate (IC) which is used for the iodination of the waters, contains among others even other minerals and trace elements, however, above all the biologically (naturally) fixed iodine in a unique way. Its utilization by an organism is markedly higher than at the products iodined by the standard way. Thanks to its concentrations the IC is suitable for transport even in great distances, when it is possible to produce min. 125 000 litres of iodine waters from one litre of the concentrate (**dosage: about 80 micrograms of iodides in one litre of the final product**) on the place in filling room on the place in filling room. The rate of profit of the IC consists in the fact that iodine /in the preparation in the connection with other minerals and trace elements (iodides)/ does not practically sublime. The IC is approved, if you like, placed in the category of "**Food complements**" by the State Health Institute Prague.



We are able to offer you also a new product, which is natural iodine concentrate, destined for iodisation of drinkable water - see solution of iodine deficit in human body, which is typical in African and Arab world, as for example in Egypt and other countries. **It is expected as per results of World Health Organisation research insufficiency of iodine in population nutrition will touch also further countries of Near and Middle East and CHINA. Using our iodine concentrate can successfully solve this problem.**

Furthermore we are preparing natural iodine-bromide concentrate for treatment of the muscular and kinetic tract problems on the spot in different countries, where this treatment is needed.

([www. UNICEF](http://www.UNICEF) ; [www.glf.org/pressroom](http://www.glf.org/pressroom) - Bill & Melinda Gates Foundation).

## **The offer of Natura brand product**

**Based on** initiatives of **the UNICEF and the World Health Organisation** , much attention is paid to the shortage of iodine in human food chain.

- **Iodine is necessary for proper functioning of thyroid gland. Diseases due to the shortage of iodine represent illnesses which can be fully treated under the present status of knowledge and capability of the society.**

In the Czech Republic 10% of the population is affected directly (according to some other sources it is up to 65%) and **all over the world this number makes about 1,5 billion of people.**

Our firm was established to ensure the production and distribution of **the food supplement** with defined volume of iodine and other trace elements which are supplied to consumers in **the form of drinking regime, as preventive means, resulting in more healthy population.**

The establishment of the company was a result of more than one-year preparatory process, in co-operation with specialist from sphere of pharmaceutical production, chemistry, endocrinology and production of table water.



The co-operation with specialists is permanent.

Necessary daily dose of iodine for an adult is **150 (ug) micrograms**. It is a fact that such an amount is not always supplied through food.

In co-operation with a leading bottlers, the HALIT company has produced a sparkling food supplement – iodized water with a product name HALIT. Mainly product samples were made.

The **HALIT** company offers a **natural iodine concentrate** for further use in beverage production.

*The concentrate is being diluted on the basis of the iodine presence in a ratio of 1:125 000.*

Our goal is to offer the customer the advantages which are absent in other types of food supplements.

The concentrate as well as the final product have been put through a test **authorised by The Chief Hygienist of The Czech Republic**.

**The HALIT company is searching for a reliable partner with a modern bottling technology for production of the mentioned iodized waters.**

## **Here is the solution**

Already today we can speak about the product which is able to solve a problem of iodine deficit by the method of gaining stable and **active concentrated aqueous iodine solution**.

It represents a food supplement in a shape of aqueous solution saturated by biologically active iodine (with iodine concentration  $10\ 000\text{mg}/\text{dm}^3$ ) and it may be added to food unless it changes its colour or scent. It is stable at heat processing and because it has stabilization characteristics it prolongs durability of food.

Method, technology and device for production of IC are protected by utility models and by foreign patent.

Exceptionality of **iodine concentrate (IC)** consists in a fact that it contains a minute amount of molecular iodine which determines very gentle, almost insignificant iodine odour of the product. IC itself is an aqueous complex of iodine compounds.



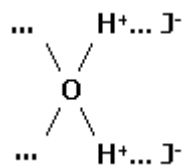


Water and iodine participate practically in all vitally important processes in human organism and iodine consumption depends on load of organism. Iodine controls temperature regime in organism together with water, more specifically with a process of water recirculation and evaporation. That is why its consumption must be balanced pursuant to the need of organism. This task may be solved only by application of iodine in combination with water. It is also important that excess iodine is discharged only with water (by urine).

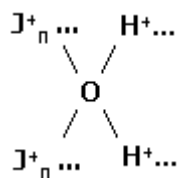
Water and iodine – this is the only correct natural combination

Water and iodine – this is the only correct natural combination (this is certified also by chemical composition of the world ocean) which showed and proved its positive effect not only in food production but also in vegetable production and animal husbandry. This is caused by the fact that interaction of water and iodine leads to implementation of known features of water which consist in creation of liquid crystals of water distinguished by biological activity.

The difference of **iodine concentrate** from other widely used compounds of iodine consists in a fact that there arise liquid crystals with hydrogen bonds (fundamental scheme) in a system „ion of iodine - water" at classical situation with iodide or with iodate:



but in IC with strong oxygenic bonds:



This explains its high biologic activity, stability at storing and heat processing.

IC compounds with any organic product unless it tears off, the organism is not supersaturated by iodine at its utilization and it does not cause hyperthyroidism.



Iodine concentrate is used also at physiotherapeutic procedures at treatment of various serious diseases.

Besides this IC has radioprotective features which is very important in present ecological situation and at radiotherapy.

Due to its high biologic activity and stability IC compounds with any organic product unless it tears off, the organism is not supersaturated by iodine at its utilization and it does not cause hyperthyroidism.

Due to its universal features IC is used in various spheres, for example:

- as a food supplement,
- as a raw material for production of alcoholic and non-alcoholic beverages enriched with iodine and of mineral water,
- as a raw material for production of dairy and baker products enriched with iodine,
- as a raw material for production of cosmetic products enriched with iodine,
- as a raw material for pharmaceutical products,
- in animal husbandry, poultry breeding,
- as a raw material for production of fertilizers for their consequent utilization in agriculture.

**There was so called „HEALTH CERTIFICATE” valid both in EU countries as well as outside them issued for IC by NATIONAL INSTITUTE OF PUBLIC HEALTH PRAHA**



## II. Natural Iodine Concentrate for Balneo: (BATH SOLUTION)

"Natural iodo-bromide concentrate is successfully applied at most of balneologic procedures and it creates a fundament of treatment in combination with therapeutic rehabilitation.

The baths prepared with NATURAL IODO-BROMIDE CONCENTRATE eliminate muscle tonus, they generally relax and refresh organism, they regenerate and fortify skin, they have a beneficial effect on joints and they calm down tired mind by which they regenerate physical performance and mental activity".

You will appreciate the complex effects of repeated baths in practise.

I strongly believe that application of our bath solution of "world rarity" will find full utilization for introduction of so called "briny water treatment" in your rehabilitation centres, in fitness and wellness centres, in spas and the like.

We would be honoured to establish a direct business contact with your company and to discuss - implement jointly some of our recommendations and proposals concerning utilization of "briny water", at least to try it.

- is recommended to be used as a preventive and conducive substance which favourably influences a metabolic transformation, namely first of all via thyroid gland and via a system of glands with internal secretion.

A creation of a new specialized product - iodo-bromide liquid concentrate to balneation which enables an introduction of a present balneologic practice also remotely - was the aim of technical solution.



An iodo-bromide concentrate is an aqueous solution of complex mixture of individual crystalline salts creating a majority chemical composition of natural iodo-bromide waters, especially of iodine and bromine as well as with defined content of chlorides and sulphates of alkaline elements and metals of alkaline soils. **The concentration of elements of interest, especially of iodine and bromine is stabilized /in the iodo-bromide concentrate/ on the level guaranteeing their required concentration in a resulting balneological solution at disposable application of usual package 1,0 l - 1000 l, or eventually of different packaging pursuant to the requirement of customer.**

**Main minerals and trace elements of NATURAL IODO-BROMIDE CONCENTRATE -effects:**

**Potassium – K and Sodium – Na:** provide energy, support activity of enzymes (Potassium-controls pressure of liquids in cells and **management with water in skin, it has sedative effects** to skin)

**(Sodium - it binds water in cells and in the area between cells** together with **chlorine** by which it prevents **drying of skin, it supports metabolism**)

**Magnesium – Mg:** it accelerates cell metabolism, it improves activity of enzymes (it **stabilizes cell membrane**, inhibits release of adrenaline and nonadrenaline)

**Chlorine – Cl:** maintains balance in cell

**Bromine – Br:** heals and reduces skin troubles (it has **antiseptic effects, it reduces skin diseases, it calms skin** and nerves)

**Calcium – Ca:** reinforces cell membrane (**it calms skin and it supports wound healing**)

**Strontium – Sr:** it calms irritated skin

**Boron – B:** eases symptoms of psoriasis and of arthritic psoriasis

**Manganese – Mn:** antioxidant, decelerates process of skin ageing

**Lithium – Li:** **increases effect of balneotherapy** at psoriasis – **psoriasis and of**



## **arthritic psoriasis**

**Zinc – Zn:** stimulates collagen, affects against acne creation

**Iodine – I:** next to indirect effect of iodine to blood stream by the means of thyroid gland and endocrine system there exists also its direct influence to structure and function of vessel wall.

**The iodo-bromide liquid concentrate is determined exclusively to a controlled external application which means to the preparation of saline solutions for balneologic applications:**

- baths in iodo-bromide briny water,
- iodine steaming Priessnitz compresses,
- hyperthermal iodine poultices,
- inhalation of iodo-bromide briny water,
- other analogical applications

in the sphere of professional balneologic care and for individual application in household.

### **At the same time it favourably influences the treatment of :**

- a.. Locomotive system, conditions after operations of locomotive system, conditions after injuries, contusions,
- b.. Haematomas, fractures in the stage of healing,
- c.. Attrition of joints both major and minor (rheumatism, Bechtěrevov's disease, arthrosis)
- d.. Inflammations of upper air passages - both acute and chronic



e.. Chronic dermatological diseases (eczemas, psoriasis)

f.. Female diseases, exudates after inflammation of uterus, of ovaria and so on.

g.. Arteriosclerosis (after-effects from apoplexy, neurasthenic conditions, prophylaxis of these diseases)

It is certified that an effect of iodo-bromide concentrate ("of the Darkov type") administered in the form of complete or partial baths in the form of poultices and eventually inhalation is first of all in an overall influence to the metabolism, namely especially via thyroid gland and system of glands with internal secretion. It has a direct influence on the structure and on function of a blood vessel wall and thereby it positively influences blood circulation. So it directly influences the hypertension and positively influences blood sedimentation rate.

The application of iodo-bromide concentrate solution has also an ability of resorption which means it intensively helps at absorption of exudates, bruises and extravasations by the fact that it improves circulation relations in ill tissues and it contributes to their regeneration. Then these are the indications recommended by the doctor at diseases of locomotive organs, ill joints, muscles, tendons and fascias including backbone. These diseases may be caused by inflammation, injury, they may be innate or acquired, and then they may be chronic, degenerative. Even though we do not rank iodo-bromide concentrate among medications it is necessary for it to be indicated and dosed properly as well as it must be administered correctly.

The iodo-bromide concentrate is successfully utilized at most of balneological procedures and it creates a fundament of treatment in combination with therapeutic rehabilitation.

If we take also a financial availability of iodo-bromide concentrate as well as its preference /from the point of view of weight and contents/ into account at the offered iodo-bromide concentrate (when you prepare in fact about 4 – 5 full-value baths from one litre of iodo-bromide concentrate with the same content of iodides and bromides as at baths offered in the spa) then there is no reason /for you yourselves and for your clients/ why not to afford this **“THERAPEUTIC ORIGINALITY”**.



### III. SALT:

Offer of natural iodine-bromide salt

Let us offer you this way the taking delivery (and further distribution) of the pure natural product out of mineral source of iodine water - **natural iodine-bromide bath salt** - a product with a long term tradition which enables to reach an action effect of spa hydrotherapy in a home environment.



The neural irritability is decreased and the neuralgic difficulties are relieved due to the influence of baths. As a preventive and supporting substance of application it positively influences the treatment of many diseases - **for example of high blood pressure, vascular encephalic incidences, inflammations of upper air passages, urologic and gynaecologic inflammations, disease of locomotive organs as well as chronic dermatological diseases - see medical expert opinions.**

**Application: baths, cataplasms, gargling, inhalations, irrigations.**

This is an absolutely identical product when compared with previously produced Darkov iodine bath salt /in some parameters, especially in contents of iodides it significantly surpasses it/ the therapeutical effect of which has been serving to the people health improvement both in our country and but also in other countries for more than 130 years not only in spas with iodine-bromine salt brine but also in sanative convalescent homes, sport resorts, fit centres and mainly but not limited to in our houses due to the renewal of production in Czech Republic.

#### ***Medical expert opinion***

"The health from the depths of the earth"

The natural iodine-bromide bath salt - pure natural product suitable for treatment at home:  
Applications:



**1. Baths**

**3. Gargling**

**2. Cataplasms**

**4. Inhalations**

**5. Irrigations**

Iodine is a life - giving element.

The natural iodine salt of "Darkov type" is extracted in the form of iodino-bromide salt brine from the depths of our earth. The places which were covered by the sea became groundwork of present sources of iodino-bromide water (by the influence of so called tertiary earth crust wrinkling).

The therapeutical effects of this water were found out first by the way of empiricism and later on the basis of scientific research. And so this therapeutical water has been serving for more than 130 years to health improvement in Darkov spa, later on in Klimkovice, Hodonín. However there are also other places in Europe where the doctors successfully take the advantage of this natural source.

The salt manufacture in our "salt works" is unique by the fact that it is able to produce a therapeutical natural salt with a high content of iodine out of drawn mineral water by natural way. Such a salt is distributed to foreign countries as well.

No doubt that the effect of iodino-bromide salt brine just in the spa environment is unique however also our way of therapeutical salt delivery to your home, enterprise even in a distance of many hundreds of kilometres may replace a spa environment to some extent. Not only that it simulates a spa treatment in a form of baths, either complete or partial or cataplasms but this bath is then not time limited and it is considerably cheaper and it is implemented in known "home environment".

Iodino-bromide salt brine contains first of all large amount of salt which itself may have beneficial effects and which is necessary for our metabolism.

(Other elements: Na, Ca, Mg, Fe, Br and so on).

However IODINE is the most important element the therapeutically effects of which have been known in world science since 1811. Our life is impossible without this element. We





obtain it from natural salt made this way in a form of iodides when elementary iodine is extricated at blending this salt with potable water of the maximum temperature 39 degrees of Celsius. We absorb this iodine most by mucosa, skin and first of all by inhalation of water vapours with air. Such curative bath or cataplasm includes also volume of other elements - see chemical composition of salt, which calm our nervous system as for example bromine.....

In spite of the fact that the world pharmaceutical industry is able to manufacture and deliver pharmaceuticals of various composition and effects no one all over the world has been able to create such effective mineral iodino-bromide "salt brine" and so effective salt, natural iodino-bromide salt delivered for out patient treatment having been appreciated too little by medical public the manufacture and distribution of which has been ensured by "our" company.

That is why we emphasize a natural therapeutical source (free of other side influences) so much because our classical medicine is fairly oversaturated by synthetic chemical preparations. (the natural iodine salt is still only waiting for its medical as well as economical evaluation).

### ***The effect of natural iodine salt:***

We can confirm that the effect of natural iodine salt of Darkov type

having been administrated in a form of total or partial baths, in a form of cataplasms and eventually of inhalation is found first of all in an overall impact to metabolism, which is first of all through a thyroid gland and system of glands with internal secretion. It has a direct influence on the structure and on function of a blood vessel wall and by this it positively influences blood circulation. So it directly influences the hypertension and positively influences blood sedimentation rate.

The application of a solution of natural iodine salt has also an ability of resorbence, which means that it intensively helps at absorption of effusions, haematomas and extravasations in such a way that it improves the conditions of circulation in afflicted tissues and it supports their regeneration.

Then these are the indications recommended by physician at diseases of locomotive system, afflicted joints or muscles, tendons and fascias including back bone. These diseases may be caused by inflammation, injury, they may be congenital or obtained, then also chronic, degenerative. Even though the natural iodine salt is not classified among the



pharmaceuticals it is necessary for it to be correctly indicated, properly dosed and correctly administrated.

So the iodino-bromide natural bath salt has been recommended to be used as a preventive and supporting substance, which positively influences the treatment of:

a.. Locomotive system, conditions after operations of locomotive system, conditions after injuries, contusions,

b.. Haematomas, fractures in the stage of healing,

c.. Attrition of joints both major and minor (rheumatism, Bekhterev's disease, arthrosis)

d.. Inflammations of upper air passages - both acute and chronic

e.. Chronic dermatological diseases (eczemas, psoriasis)

f.. Female diseases, exudates after inflammation of uterus, of ovaria and so on.

g.. Arteriosclerosis (after-effects from apoplexy, neurasthenic conditions, prophylaxis of these diseases)

We recommend to consult your physician or expert in balneology, physiatrics and therapeutical rehabilitation before commencement of therapeutical bath course ( cycle of 8 - 12 baths on alternate days and then a time-out of 4 weeks).

Natural iodino-bromide salt has been successfully used at most of balneological procedures and it creates a fundament of therapy in combination with therapeutical rehabilitation.



If the users managed to conclude valid contracts with health insurance companies concerning full or partial allowance of this "world product" for the patients (as it was earlier) it would certainly become more available for larger range of population.

MUDr. Josef PECH

Head physician of the department of physical and therapeutical rehabilitation

### ***Instructions in how to use it***

**Compound:** Natural mixture of mineral salts got from the **mineral natural sources**.

It contains /besides biological active ingredience/: **most of all iodine (min. 0,35 g/kg) and bromide (min 1,3 g/kg). Made since 1926.**

**Whole bath:** max. 20 minutes, dose for bath 1/2kg-1kg of salt for 60-120 litres of hot water 35-37°C

**Partly bath:** 10-20 minutes, dose 0,25 kg of salt for 10 litres of hot water 35-37°C

**Appylings:** 20-30 minutes, dose 0,25 kg of salt for 1 litre of water, white method of warning of apples. **Danger !** of burning your skin.

**Inhalation:** 3 x 5 minutes, dose (repeat warning-up) 100 grams of salt for 1 litre of hot water 60-70°C

Bath crust contains 10-12 baths (1 time a day), **another crust can be used after 4 weeks.** After bath it is recommended to stay wrapped in bed for say **1-2 hours.**

**How to use: Iodium-bromide natural salt** is used as a ingredient in baths, for applyes and for inhalations. Iodine salt baths help to keep your whole body healthy. Using this bath helps to slow down your nerves and all your body problems. **Iodium-bromide natural salt** is used as a medicine for:



- high blood pressure
- influence on veins, on recovery of their walls (arteriosclerosis, after inflammation of veins, with vein insufficiency after acute brain failure)
- inflammation of the upper breathing canals-ways (active and chronic)
- inflammations in the field of gynecology
- inflammation in the field of urology
- disorder of the moving mechanisms (such as conditions after operations of the motion mechanisms, conditions after injury, bruise, blood contusions, fractured bones when healing)
- wear of arthritis both the large and small ones (reumatismus, the Bechterev's illness, arthroses)
- chronic disorder of skin (eczema, psoriasis, calf-ulcer)

Before using we recommend to discuss everything with your doctor or expert in balneology, physiatry and rehabilitation.

#### Composition:

Chlorides, bromides...

Na <sup>+</sup> 39%	Cl <sup>-</sup> 61%	NO <sub>3</sub> <sup>-</sup> 0,003%
K <sup>+</sup> 0,069%	<b>Br<sup>-</sup> 0,13%</b>	NO <sub>2</sub> <sup>-</sup> 0,012%
Ca <sup>2+</sup> 0,55%	<b>I<sup>-</sup> 0,035%</b>	
Mg <sup>2+</sup> 0,23%	SO <sub>4</sub> <sup>-2</sup> 0,001%	



## IV. Brine B A L M

relaxes & heals:

Brine obtained from tertiary seas water is applied in balneology at disorders with locomotive organs, followed by neurological, vascular and dermatologic problems.

When applying this balm, Its capabilities to absorb into the skin, deliver required ions and microelements into the body and to speed up metabolism are used.

It is an alternative of spa baths but it does not require preparation of the bath; balm can be applied directly on the affected area.

**Balm is suitable especially to care for:**

- Skin – very effective when used for care of almost all kinds of eczemas, speeds up absorption of hematomas (bruises), affects strongly stria and cellulite (orange peel) strongly, in many cases to full vanishing of the problem.
- Treatment of scars after operations, injuries and also plastic operations are healed and freed in very short time
- Joints and spine - helps in any degenerative and post accidental situations. It participates on renewal of articular cartilages and spinal discs.
- Muscles and tendons – after muscle expenditure, muscle injury, injury of tendons and back of the neck (Achilles and groin)
- It has also positive impact on carnal tunnels (pain in hands and wrist). Relief, reduction of pain until it is completely passed is reached after several applications of the balm, sometimes even after single balm application.
- Polyneuropathy of legs and hands. (Weakness and decreasing of muscular mass of the limbs with gradual loss of sensitivity. The disease affects Achilles tendon at the earliest.
- Vascular insufficiency and painfulness in legs and hands (in connection with balneotherapy)



- Efficiency of Brine balm may be increased in combination with balneotherapy.

### **Indication expansion:**

ATAKA, degenerative arthrosis, fungal diseases of legs and hands, massages of stiffness in neck, back and lower back. During massaging the salt is getting loose and can be used for peeling of treated place as well as acne.

### **Method of application:**

To be applied on clean and dry skin. Balm is to be gently massaged into the skin.

It can be applied even several times a day (recommended 3x times daily, also before going to bed with a possibility of wrapping up)

Regular use of the balm increases its efficiency.

In your spas with healing water (containing carbonic peroxide and the like), in combination with procedures on devices like TrautWein – galvanic four chambers bath, Vasotrein – vacuum compressive therapy, gas bath (having positive effect on widening of artery and capillary), including treatment of problematic spots by Brine Balm brings very positive and proofed results.

Brine balm is successfully used also during majority of balneological procedures and in combination with medical rehabilitation forms base of medical care.

**Caution:** For external use only. Do not use in deep lacerations or infections.

Preparation is determined mainly for adults (Use for children only after consulting the medical specialist).

Possible balm colouring in the tube and eventual salty film after application is not harmful.

### **Ingredients (INCL):**

AQUA-MINERAL SALTS, SORBITAN OLEATE, POLYSORBATE-80, CAPRYLIC/CAPRIC

TRIGLYCERIDE, BENZYL ALCOHOL, SODIUM BENZOATE, AQUA, POLYACRYLATE CROSSPOLYMER-6, CITRIC ACID

Store out of the reach for children, at temperature **+ 5 to + 25 dg C.**



## V. BLACK SOAP:

Ichthamol is used for positive effects and prevention of certain skin diseases such as mycosis, psoriasis, and acne.

### Specification

The black soap 7% ensures high hygienic standards and contributes to the improvement of skin condition in dermal diseases such as mycosis, eczema, psoriasis, or acne. The natural substance ichthamol contains no irritating substances and provides natural anti-bacterial and anti-septic protection for the skin. It allays itching and alleviates irritation.

### Ingredients

Sodium Palmate, Sodium Palm Kernelate, Water, Ichthammol, Cetyl Alcohol, Glycerin, Cocoamide MIPA, Sodium Chloride, Hydrogenated Palm Glyceride, Citric Acid, Tetrasodium EDTA, Tetrasodium Etidronate, CAS 1709-70-2.

### Instructions for Use

Moisten the soap and form thick foam. Leave the foam on the specific parts of the skin for 1-2 minutes and then wash away. It can be used several times a day. The effects depend on the duration of use. The soap was successfully tested in dermatology labs of the Czech and Slovak Republic.

The use of the natural substance Ichthamol and absence of irritating substances ensures top efficiency, high hygienic standards and perfect regeneration of the skin.

### Ichthamol

Ichthamol allays infection, itching, softens the hardened skin, provides antiseptic, antibacterial, and antifungal effects, and fights against dandruff formation. It reduces skin moisture production and enhances skin capillary return. Ichthamol does not irritate and is suitable for use by all age groups. Ichthamol in black soap has a 7% concentration.



## **Applications**

Ichtamol is used for positive effects and prevention of certain skin diseases (such as acne, seborrhea, psoriasis, rosacea), minor skin injuries, minor cases of pyodermatitis, mycosis, pressure ulcers and cold burn.

## **Contraindications**

Do not use if hypersensitive to ichtamol. Cannot be applied to the eyes or used on acute eczemas of unknown origin.





## VI. PSORIASIS:

-treatment of skin with psoriasis vulgaris-

A special set of products of the **HALIT**® company is a part of product series of health cosmetics developed in order to remove very dry and atopic skin.



The products were **clinically tested** and approved by dermatologists for treatment of **psoriasis vulgaris**. The products are suitable for intensive and considerate care of dry and problematic skin of atopics but they **favourably influence also healthy skin** which is treated, protected, nourished and hydrated by them. They are suitable also for treatment of sensitive skin of **small children**. Favourable effects of products are given first of all **by content of natural biological substances**.

Quite a new method which our recommendation at treatment is based on ensues of knowledge of utilization of salts of selected alkali metals and metals of alkaline earths included in brine with eventual possibility of radiation by ultraviolet UVB rays at treatment of psoriasis vulgaris.

**All the complex of treatment consists:**

- of detoxication of organism,
- of bath in Bolek salt,
- of utilization of Anti-dermatitis set /SET N01/ with recommended skin treatment by UVB rays 311nm.



**Main minerals and trace elements of iodine-bromide salt brine/Bolkova sůl/-effects:**

**Potassium – K and Sodium – Na:** provide energy, support activity of enzymes (Potassium-controls pressure of liquids in cells and **management with water in skin, it has sedative effects** to skin)

**(Sodium - it binds water in cells and in the area between cells** together with **chlorine** by which it prevents **drying of skin, it supports metabolism**)

**Magnesium – Mg:** it accelerates cell metabolism, it improves activity of enzymes (it **stabilizes cell membrane**, inhibits release of adrenaline and nonadrenaline)

**Chlorine – Cl:** maintains balance in cell

**Bromine – Br:** heals and reduces skin troubles (it has **antiseptic effects, it reduces skin diseases, it calms skin** and nerves)

**Calcium – Ca:** reinforces cell membrane (**it calms skin and it supports wound healing**)

**Strontium – Sr:** it calms irritated skin

**Boron – B:** eases symptoms of psoriasis and of arthritic psoriasis

**Manganese – Mn:** antioxidant, decelerates process of skin ageing

**Lithium – Li:** **increases effect of balneotherapy** at psoriasis – **psoriasis and of arthritic psoriasis**

**Zinc – Zn:** stimulates collagen, affects against acne creation

**Iodine – I:** next to indirect effect of iodine to blood stream by the means of thyroid gland and endocrine system there exists also its direct influence to structure and function of vessel wall.

Iodine leads to decrease of blood pressure. It works as germicide (it supports healing of wounds, it has antiseptic effects)



### **1/ Brine (psoriatic) balsam:**

Balsam contains mineral water of sea origin-**brine**-, rich in some ions, first of all alkali metals, metals of alkaline earths and their compounds with halides as the basic effectual substance.

### **2/ Hemp soap**

Soap secures high hygienic standard and it helps to improve the conditions of skin at skin diseases as for example mildews, eczemas, psoriasis or acne. Content of natural substance Ichtamol and absence of irritating substances provide natural antibacterial and antiseptic skin protection, it eases pruritus and softens irritation (soap is suitable to be used also at **atopic eczema**).

### **3/ Oil with azulene :**

This oil includes among others also chamomile which belongs to most calming plants in the world. Moreover it has anti-inflammatory and anticonvulsant effects which benefit to all body. It is also not possible to disregard its disinfective effect. Camomile helps to ease skin inflammations. It includes antibacterial components which may also accelerate treatment of infections having been already incurred. Azulene, ethereal oil of camomile has also healing and antiseptic effects. Oil brings relief to dehydrated and itching skin. It is suitable also for children with the view to favourable effect to skin.

### **4/ Tea mixture**

**Ingredients (INCI): Herbal mixture: Psoriasis /100g/**

Milk thistle, dandelion, mercury, fumitory, **sarsaparilla**, walnut tree

### **5/ Biolamp:**

In order to increase effect of „**medical therapy** “ we recommend to purchase a special **UVB lamp** especially developed for this purpose (purchase will be arranged by our company based on requirement) or to undergo the therapy at physician (this is the most recent narrowly spectral **form of UVB radiation**) after consultation with him/her (who offers treatment by **bio lamp with UVB rays of frequency of 311nm**)



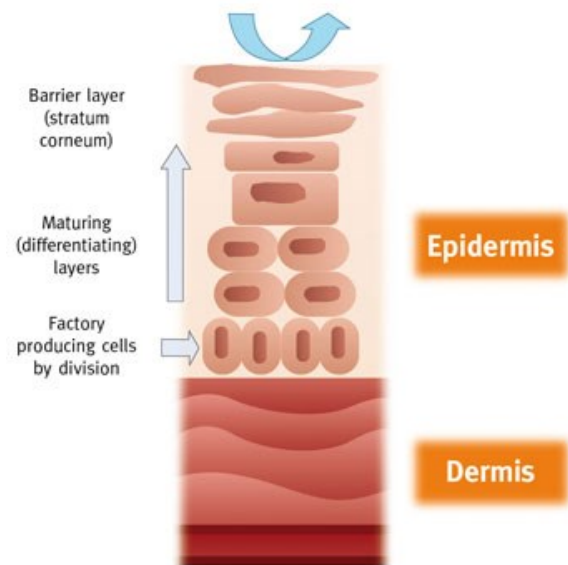
Common utilization of all five components will favourably influence pathological skin conditions and it shares in prolongation of condition without symptoms.

Utilization of these agents has no time limits, it may be applied long time

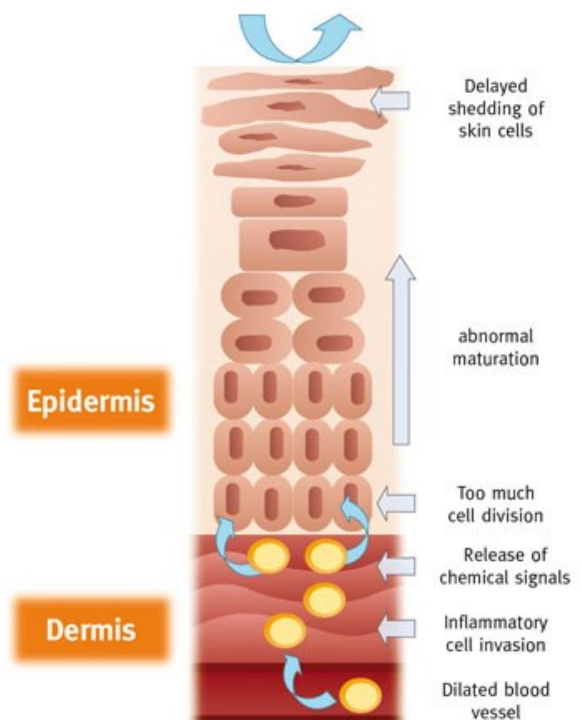
#### PREPARATIONS:

- include purely natural substances
- clinically (dermatologically) tested
- favourably influence pathological skin conditions and cause long time condition without symptoms
- you will reach expected result by regular utilization of all five products
- may be applied to body skin as well as to hair skin

### Unaffected skin



### Psoriatic skin



## **VII. WATER - final product:**

### ***THE OFFER OF PACKAGED WATERS brand NATURE***

- of the oldest beverage of humankind - purely natural mountain spring waters of suckling type with total mineralization of dissolved substances (RL) 54,17 mg/l (I. kind of water) and 1 950,67 mg/l (II. kind of water).

Our company /in cooperation with a Polish manufacturer/ launches a sparkling light water (with optimum values of main mineral substances in water from the point of view of long-time ingestion) being determined for all-day consumption of a wide spectrum of population.

First of all ensuring of bottling and consequent delivery of natural mountain spring water suitable for everybody including the youngest as well as the oldest consumers is the subject of the activities of our company having been established in 1996.

### ***ASSORTMENTS:***

1. Natural non-effervescent table water NATURA, entrapped from the spring -IRENKA- in ecologically clean forest countryside of Silesian Beskydy mountains is a sparkling light water determined to direct consumption. It is suitable for preparation of tea, coffee and mixed beverages. It does not require any chemical or any other treatment, it may be recommended for a meal preparation as well. It does not load the organism by its low mineral composition, it refreshes, improves the taste, makes the digestion easier and accelerates metabolism.

Water brand NATURA is determined for all their consumption from the medical point of view in contrast to mineral waters.



2. We also deliver this natural water as saturated by CO<sub>2</sub> in the form of natural effervescent table water NATURA which became the basis of number of saturated refreshing beverages, it is of effervescent look. Also flavoured beverages will not be missed in the offer of our assortment in future.

The water being offered is approximating to the demands put on suckling water by its parameters concerning the quality. (in some aspects it considerably "exceeds" them). The high quality of NATURA water has been certified by whole number of prestigious laboratories both abroad and in the Czech Republic. Its quality has been continuously monitored at the manufacturer by its own laboratory. It ensures a minimum necessary rate of this element important especially for pregnant women and for adolescent teenagers in a non-forcible way (drinking 1 litre of water) by its contents of natural iodine in the value of about 20 micrograms.

3. We produce the beverage with biologically active iodine (about 80 and more micrograms of iodine per one litre), which ensures a necessary daily reference rate of this element for human body (RDD) to order. This beverage has also been produced under a trademark NATURA - saturated and non-saturated. The reference daily rate may be chosen at discretion according to the needs of the group of inhabitants or according to the given territory (for example in the U.S.A. the RDD is about 150 micrograms of iodine/litre).

Iodides come from purely natural source, water from tertiary folding of the crust of the earth similarly as in the sea water.

Iodine is necessary for normal functions of thyroid gland. Its shortage induces various health disorders, at pregnancy it may permanently injure the foetus. The newborn babies and whole the children generation at all at which there is higher iodine consumption is the group of the highest risk.

We place the product on the market being convinced that it will help not only to solve the shortage of iodine within the food chain (not only within the Czech Republic) but that it will also contribute to the improvement of our overall medical conditions.



## **PACKAGING:**

Packed waters - namely in 0,5 l a 1,5 l PET bottles including 5 litres PE canisters (if ordered we also bottle into 18,9 l PE bag) are all produced under the protected trade mark NATURA.

The packages are unexceptionable from the medical point of view - they are recycled.

The easier transportation of bigger volume of water is the advantage of 5 litre packaging, among other for the introduction of so called POTABLE REGIME at schools, working sites, hospitals, hot industrial operations and so on.

### *DURABILITY:*

The waters of NATURA line have the durability guarantee period of 12 months from the date of filling and they should be stored in cool. The date of consumption is stated on the packaging.

### POSSIBILITIES OF PARTICULAR TRADING COOPERATION:

- a) The delivery of packaged and table waters of suckling type into your shops - distribution network.
- b) The introduction of potable regime also with the contribution of a new product - "NATURA beverage" with iodine, which solves a daily input of necessary rate of iodine for a human body.
- c) The possibility of the exploitation of our free resources to bottle the packaged waters to the order for your company (with the possibility of statement of name or logo of your company at the labels and so on)
- d) The possibility of deliveries of cistern water for another treatment within your company - bottling house.
- e) As mutually agreed the bottling of waters to order according to the demands concerning the water packaging from the customer.



The above mentioned offer hereby challenges to long term cooperation for future depending on changes by the Ministry of health concerning the way of bottling and packaging of table and suckling waters see the regulation no. 292/1997 Coll1 and regulation SÚpJB no. 184/1997 Coll2.

## **CHEMICAL ANALYSIS**

### **I. kind**

Anions	Mg/l	Cations	Mg/l
Cl <sup>-</sup>	2,50	Na <sup>+</sup>	2,50
HCO <sub>3</sub> <sup>-</sup>	17,70	K <sup>+</sup>	0,40
SO <sub>4</sub> <sup>2-</sup>	12,76	Ca <sup>2+</sup>	8,53
NO <sub>3</sub> <sup>-</sup>	3,70	Mg <sup>2+</sup>	1,35

**Total mineralization: 54,17mg/l**

### **II. kind**

Anions	Mg/l	Cations	Mg/l
Cl <sup>-</sup>	602,70	Na <sup>+</sup>	1,25
HCO <sub>3</sub> <sup>-</sup>	21,00	K <sup>+</sup>	1,84
SO <sub>4</sub> <sup>2-</sup>	17,80	Ca <sup>2+</sup>	198,40
NO <sub>3</sub> <sup>-</sup>	3,30	Mg <sup>2+</sup>	96,00

**Total mineralization: 1 950,67mg/l**





## VIII. Natural, iodo-bromide

### - relaxation aromatic bath salt:

(sandal tree and jasmine; rose and bergamot).



#### Effect:

Baths prepared with this salt reduce a tension in muscles, they prepare total relaxation and refresh organism. They favourably affect consolidation and regeneration of skin. They reduce articular pains and thereby they support renewal of bodily performance and peace of mind. Added natural ethereal essential oils help to remove bodily problems. Inhalation of their steams also positively influences the mind of a man.

#### Dosing:

Regular baths at which their **complex effects** appear. (100 g per 100 litre bath)

#### Composition:

Natural mixture of mineral salts is obtained by evaporation of iodo-bromide brine- richly mineralized sea water pumped from underground sources, remnant of prehistoric seas with addition of **natural ethereal oils**.



## **IX. To whom it may concern.**

Let me firstly introduce myself.

*My name is Petr Bolek and in recent several years I have dealt with research of the solution of iodine deficit in human body – so called Iodine Program. During my professional career involving professional consulting I was honoured to collaborate with the world respected endocrinologist Prof.Mudr. Rajko Doleček, DrCs and our collaboration still continues.*

*Currently, I am able to offer not only a lot of solutions out of which some have already been patented, but also finished products, which are connected with the stated program. Moreover, forms of Utility Design + trade mark are available on [www.halit.cz](http://www.halit.cz)*

*I am much pleased to state that I have recently managed to overcome all obstacles given by legislation and I am proud to announce that these days I would like to launch at market a new “three-combination” cosmetic preparation as support treatment of psoriasis (balm-oil-soap).*

*On the basis of my former job assignment at Ministry of Foreign Trade in Prague I keep annual contacts with diplomatic Czech representatives of sales and economy abroad. And it is just there, where I got information about those Afro-Arabian states (including Asia and Europe) which have been dealing with the issue of iodine deficit quite intensively. Via world organizations, those countries are funded to solve that issue. But being self-employed, I was not and am not eligible to receive those “grants”. So that is why all existing research including its implementation I have financed from my own funds.*

*Therefore, I would like to start business collaboration with you (e.g. support of export at foreign markets, etc.) and implement the joined program agreed by both parties in selected territories.*

*Yet in the Czech Republic I have recently experienced (to my surprise) a positive response of one of the local insurance companies (that company will be introduced by me in person ) on pay out of a special healing procedure connected with treatment of psoriasis using our newly developed preparations.*

*Hence, I would like to introduce products developed by us for joint distribution to needed groups of affected inhabitants in the whole world (either personally or jointly with my colleague, co-developer and consultant Ing. Štros with some Utility Models and Patent).*



*(we have already tried to address UNICEF, but with little success).*

*Next form of collaboration could involve production of newly licensed preparations in your company – e.g. in the form of job order, their distribution through your sales network, etc.)*

**(at present, we are urgently searching for a well established producer for production of Brine or Psoriasis Balm).**

*Next potential concrete forms of the offered collaboration from our side could involve next research of new preparations containing iodine.*

*Moreover, jointly with my colleague Ing. Štros we declare (both of us from purely subjective reasons - health problems and relatively old age) even a possibility of **selling the complete know-how** , or its selected parts, respectively, protected both by foreign patent and three Utility Models, which we would like to offer not only in the CR, but in abroad, as well via providing **license, franchising, or in a similar form.***

**(Utility Model or Patent licensing for production of Psoriasis Balm according to decision, could be already of joint business).**

*Finally, I would like to ask you for your kind response on the above stated information and should it be of a positive nature, we would appreciate a proposal on how and in what way we could participate in the mentioned business collaboration.*

*Me personally, I prefer a joint meeting.*

Respectfully  
Ing. Petr Bolek  
Tichá 544; 742 74 TICHÁ  
Mob: 775 107 427  
**www.HALIT.CZ**

For some of the products is offered their “re-licensing” to for example medicinal product, (except for food supplement – iodine concentrate IC used for fortification of foodstuff; others have been declared so far as cosmetic products.





Ing. Petr Bolek, 742 74 TICHÁ 544, CZ

[www.halit.cz](http://www.halit.cz)

