



**GARENAL**

**POWER**  
**DRINK**

TO PREVENT OR REDUCE  
THE UNPLEASANT  
SYMPTOMS OF  
HANGOVER



# MISSION

**THE DAMAGES IN CONNECTION WITH ALCOHOL CONSUMPTION** have a global impact both from medical and social points of view. There are innumerable fatal road accidents where alcohol plays a role, not to speak of the social consequences of alcohol abuse: violence, hooliganism, crime, problems within the family, social exclusion, reduced work capacity.

**IT IS A FACT**, however, that alcoholic drinks temporarily could cause a pleasant feeling for persons.

**NUMEROUS ECONOMIC AND POLITICAL MEASURES HAVE BEEN TAKEN** to find solution of health problems. Beside them the mission of the **GARENAL POWER DRINK** is to reduce the harmful effects on individuals resulting from alcohol consumption.

**WE HOPE**, that the **GARENAL POWER DRINK** has the potential to prevent possible tragic consequences, providing a basis for safer alcohol consumption.





# SCIENTIFIC BACKGROUND

**DR. SCI. ISTVÁN HORVÁTH,**  
**DOCTOR OF HUNGARIAN ACADEMY  
OF SCIENCES** and Member of the  
New York Academy of Sciences, an  
internationally recognized scientist, had  
been honoured for his inventions several  
times. The awards he had won include,  
among others: **Genius Europe - Gold  
metal, the Olympia of Inventors - Gold  
medal, the EUREKA Exhibition of  
Inventors - Silver medal,**

International Exhibition of Inventors  
in Geneva - Gold medal, Award of  
**Széchenyi Scientific Society.**  
His inventions include the liposome  
adjuvant, geothermic energy utilization  
by microbes, antigen for immunization  
against atherosclerosis, antidecubitus  
bed, artificial blood, practical application  
of flavonoids, and as a matter of course,  
the **GARENAL POWER DRINK.**



**DR. SCI. ISTVAN HORVATH**  
(1938 - 2018)





# THE PRODUCT

An application on this invention had been filed with Hungarian Patent Office.

## EFFECT

- Accelerates decomposition of alcohol in the blood
- Can prevent or reduce the unpleasant hangover symptoms
- Helps detoxification of waste material in the body
- Stimulates the metabolism
- Contributes to general feeling of well-being

## APPLICATION OF GARENAL POWER DRINK

According to our recommendation dissolve one bag of **GARENAL POWER DRINK** in 200 ml water and drink this solution both, before and after consuming alcohol. If **GARENAL POWER DRINK** is not available after consuming alcohol, it can be effective to consume within 24 hours to reduce the unpleasant hangover symptoms.

**INGREDIENTS:** edible acid [L (+) tartaric acid], weight gainer [Effer Soda® (sodium bicarbonate)], glucose, Maqui fruit powder, Vitamin C (ascorbic acid), Milk thistle (*Sylibum marianum*) extract, choline bitartrate, parsley leaves, acidity regulator (calcium citrate), anti-caking (silica), edible acid (L-succinic acid), anti-caking (magnesium salts of fatty acids), glutathione, sweetener (acesulfame K). Contains source of phenylalanine!

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The product is an officially notified as dietary supplement in Hungary, which complies with the requirements of 46/2002. EU Regulation (ECSC 37/2004). The product contains only raw materials and in such quantities as are permitted by this Regulation. The Producer manufactures the product in accordance with ISO: 22000 and its associated Food-GMP. The manufacturing company's quality system has been audited by URS (United Registrars of System) in the UK.





# THE PRODUCT

The **GARENAL POWER DRINK** helps the human body's energy production and supports its healthy functioning. Can reduce the frequency of hunger and the amount of food consumed. Helps the effective processing of meals.

It supports the chemical metabolic processes in the Szent-Györgyi - Krebs cycle. Facilitates the healthy functioning of the excretory organs. Thanks to the special mixing ratio of the natural substances used in the product, this drink powder can improve the metabolism of our body. It stimulates the production of digestive enzymes and the function of our excretory organs.

*The sum of the active ingredients in the **parsley leaf** meal can improve the function of the urinary tract and the kidneys.*

*The **Milk thistle extract - silymarin** - can help to maintain health of the liver and bile, to remove toxic substances from the body, to normal restore of the liver tissues and cells.*

*The **Glutathione** - can improve the ability of cells' neurotransmission and regenerate the damaged cells. Glutathione exerts protective effect and helps to avoid the unpleasant symptoms occurring in consequence of alcohol consumption; helps to prevent the negative impact of heavy metals, the possible adverse effects of drugs and nicotine consumption; it functions as a protective shield of our body.*

*The **vitamin C** - promotes the absorption of iron from the intestines and improves the body's immune system, it also contributes to the inhibition of oxidation processes and thus aging of cells.*

*The **Succinic Acid** - it's the energy drink for our cells, Amber has a beneficial effect on the body's internal environment (blood, lymph, tissue fluid), and can help to relieve the joint pain.*

***Choline:** facilitates degradation of lipids, helping thereby the work of alcoholic fatty liver, lowers and thereby improves blood lipid and cholesterol levels. It has an overall positive effect on the human body together with the favourable impact of the components of the certain products.*

***Maqui fruit powder:** lowers blood pressure and LDL (bad cholesterol) level, regulates the quantity of blood lipids, reduces the risk of cerebral accident or stroke and arteriosclerosis; thereby improves our physical and mental wellbeing.*



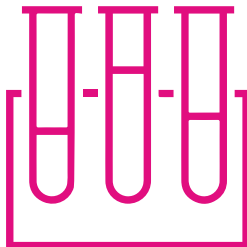
**GARENAL**  
**POWER**  
DRINK



# CLINICAL TEST

## THE FOLLOWING IS A DESCRIPTION OF THE RESULT

The alcohol breakdown available for us. The study involved hourly blood alcohol testing and blowing the digital breathalyzer used by the police, with five repetitions. The measurement was performed using the solid phase microextraction (SPME) method, under the control of *Dr Maria Matyus, Senior Physician at Toxicological Research Department, Scientific Institute, Hungarian Defense Center.*



Sessions of consumption of identical quantities with and without using **GARENAL POWER DRINK** were compared. The consumption followed the pattern of eating and drinking at family and other social events. 0.4 litres of wine and 0.05 litres of spirit were consumed. The studied total consumption corresponded to 70 grams of pure alcohol, accompanied by a meal. The hourly reliable blood test established that the fizzy powder ingested in a solution before and after alcohol consumption significantly reduced the blood alcohol level. The result suggests, that by the consumption of the **GARENAL POWER DRINK** drink powder the breakdown time of the alcohol had been halved, as you can see in the diagram on page "Mechanism of effect".





## HOW TO AVOID THE UNPLEASANT SYMPTOMS OF HANGOVER

By the breakdown of alcohol our liver produces acetaldehyde, which is a toxic substance.

The symptoms of the poisoning caused by the acetaldehyde are practically we perceive as hangover.

The **GARENAL POWER DRINK** is useful, because accelerates the elimination of alcohol, furthermore reduces the harmful effects in the brain, in the lungs, in the liver, in the intestines and on the skin.





# MECHANISM OF EFFECT

## MANY ASIAN PEOPLE AND SOUTH AMERICAN

**INDIANS** have a hereditary deficiency of dehydrogenase enzyme, which is the responsible for break-down of acetaldehyde in the body. These approx. 1 billion people, after consuming a smaller amount of alcohol possibly will suffer from clear symptoms of intoxication. According to our collected experiences the **GARENAL POWER DRINK** can help them to reduce the hangover effects.

**THE ORGANISM OF EUROPEAN PEOPLE** is able to break down 10 ml alcohol per hour in average. 100 ml wine (half a glass) or 300 ml (1 glass) beer or 25 ml spirit contains such a quantity of alcohol.

**USING THE GARENAL POWER DRINK**, the alcohol breaking down capacity of the organism may be doubled as a minimum (with individual differences) without any harmful effects. The 0.5 ‰ alcohol level roughly corresponds to 20 ml alcohol, i.e. if you are using the fizzy powder, drinking 200 ml wine (1 glass) or 600 ml beer (2 glasses) per hour will cause no problem, not even in the case of "zero tolerance" (Highway Code).

**IN COUNTRIES WHERE THE "ZERO TOLERANCE" RULES ARE NOT APPLIED**, even the double of the above-mentioned quantities may be consumed freely. That's why may drive a car even after having 400 ml wine (2 glasses) or 1200 ml beer (4 glasses) per hour in such countries. As a matter of course, the above calculations take into account the period of time necessary for consuming the indicated quantities, during which period the organism already starts the breakdown process.

**THE GARENAL POWER DRINK** can reduce the hangover effects caused by the acetaldehyde which is generated during the breakdown of alcohol. The symptoms of hangover are dehydration, headache, nausea and queasy stomach. A further benefit of the product is that it stimulates the metabolism of the organism, detoxifies and improves general feeling. During the breakdown of alcohol, not only toxic acetaldehyde but also free radicals are formed, and they damage the liver in a joint effort. By applying two sachets of the **GARENAL POWER DRINK** fizzy drink powder - 1 before starting and 1 after finishing the alcohol consumption - can help to prevent or reduce the unpleasant hangover symptoms.

**ALCOHOL DISASSEMBLING TEST:**  
THE TESTERS WERE HEALTHY MEN AND WOMEN WITH AVERAGE WEIGHT.

### 1 DAY / TEST

Without **GARENAL POWER DRINK**, with plenty of food, half dl concentrated alcoholic drink plus 2 x 2 dl 13.5% red or white wine consumed with food, - consumed 70 ml concentrated alcohol.

After the first hour of drinking alcohol, the hourly blood sampling began, and at the same time the blowing of the breathalyzer. **Result: after 4.5 hours the first zero, ie: zero, 0.0.**

After 1 week, the second test followed.

### DAY 2 / TEST

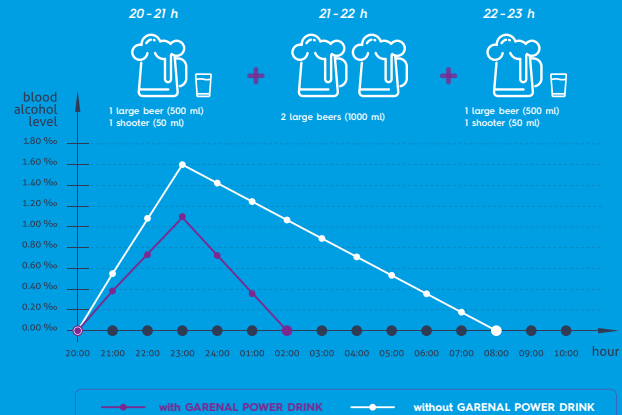
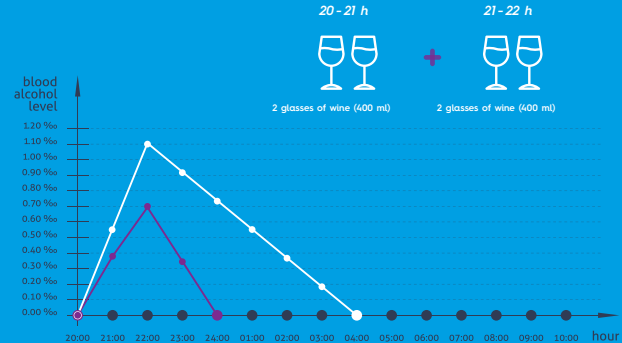
Before drinking alcohol, the **GARENAL POWER DRINK HAD BEEN** dissolved and consumed as a first step.

Then half dl of concentrated drink, a meal, and 2 x 2 dl 13.5% wine. the same quantity and quality as the first day.

Tracking results, hourly repeated blood sampling, hourly blowing test.

**Result: less than 2 hours, acetaldehyde was broken down in a healthy human body.**

## EXAMPLE BREAKDOWN CHARTS DEPICTING DIFFERENT CASES



with GARENAL POWER DRINK

without GARENAL POWER DRINK



# CONTACT

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