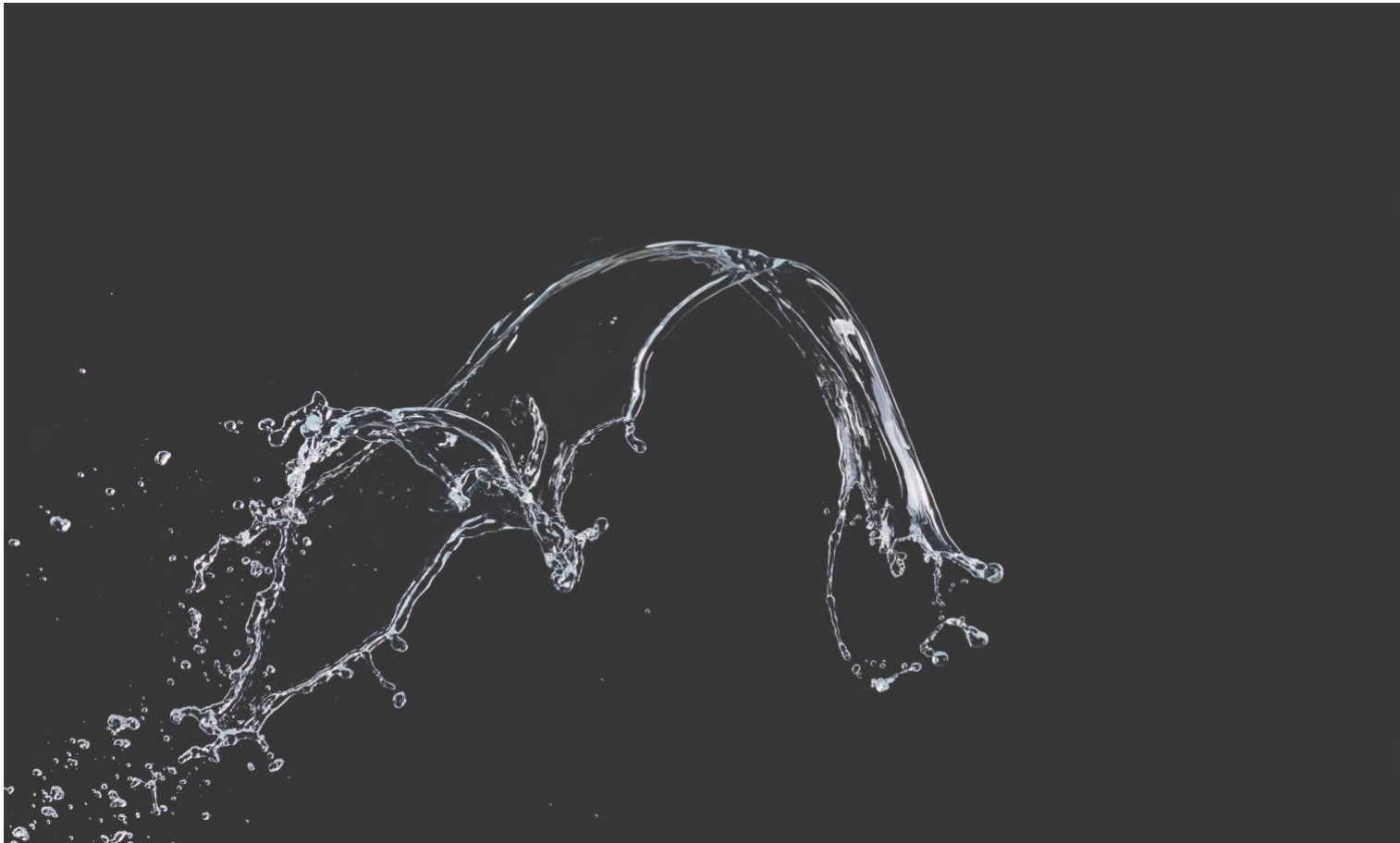


COLLATION OF EXCERPTS FROM RESEARCH PAPERS

Topic: Acqua Mavra™ Premium Black Detox Drink, trace elements, micronutrients, trace minerals, humic acids, fulvic acids.



ABOUT THE RESEARCH PAPER

Some information provided herein was independently consulted with Plant Material Resort of the National Institute of Public Health - National Institute of Hygiene in Poland.

We have not independently verified all the information we have sourced from third parties.

HUMIC ORGANIC TRACE MINERALS

PROVEN EFFECTS

Small and tremendously powerful humic trace minerals have a positive impact on human life. These unique compounds come from very rare and organic prehistoric plant matter known as humic acid (containing fulvic acid).

The chemical composition of Acqua Mavra™ is associated with prehistoric plant matter (80 million year old leonardite), source of humic & fulvic acids. Humic acids are one of the most powerful nutrient transporters found in the natural world, making the cells more permeable and open to the nutrients. It is a Mother's Earth natural way of fighting mineral deficiencies and stimulating proper functioning of the body.

WHAT ARE HUMIC ACIDS (TRACE ELEMENTS, MICRONUTRIENTS, TRACE MINERALS, HUMIC ACIDS)?

“*Humic acids help the body absorb and transport to the cells essential nutrients in a very effective way. Humic acids are advertised as "WONDERFUL COMPLEX" due to the positive (hyperbolically) effects on the body.*

Humic minerals are formed when humic acid converts inorganic metallic and rock-form minerals into a biologically active form. This process is millions of years old. The cycle began with the decay of huge prehistoric plants, which deposited minerals into the soil to feed the growth of new plants. For millions of years, this cycle has created large deposits of humic minerals, preserved due to specific geological conditions. Large prehistoric humic mineral deposits are now being used to improve the health and wellness of modern man. Our deposit is the richest known source of humic minerals in the world.

Because the molecular weight of humic acid is so low, it can easily transport nutrients in the body. Humic acids are able to transport more than 60 times their weight in vitamins and minerals into our cells. This makes it easier for cells to digest vitamins and minerals – allowing you to feel their positive effects at a much faster rate.

Humic acids are advertised as 'wonderful complex' due to the positive (hyperbolically) effects on the body.



HUMIC ACID BENEFITS – EXPERT OPINION

PLEASE REFER TO THE SOURCE:
[HTTPS://YOUTU.BE/HNLRWVIVYLW](https://youtu.be/HNLRWVIVYLW)

Dr. Daniel Nuzum is the Professor of Osteopathy and Indigenous and Traditional Medicine at the Panam University of Medicine and Natural Health Sciences in both Nevis/St.Kitts in the West Indies and in Loma Linda, Ecuador.

He has a flourishing Naturopathic/ Osteopathic practice in Nampa, Idaho, and travels to the Nevis and Loma Linda campuses teaching frequently. He has 3 primary passions about Medicine, Religion and Martial Arts. He is a 6th degree black belt in Tae Kwon Do and Chinese Kenpo.

He is a Tribal Health Department Licensed and Certified Native American Practitioner with training as a Doctor of Naturopathic Medicine, Doctor of Osteopathy, Doctor of Naprapathic Medicine and Doctor of Indigenous and Traditional Medicine (including both Oriental Medicine and Native American Medicine).



TRACE MINERALS

WHAT ARE HUMIC TRACE MINERALS?

We have all heard that our body needs certain minerals like calcium and magnesium. However, we seldom hear how much we need trace minerals.

Minerals such as calcium, magnesium, phosphorus and potassium are known as macro elements. Macro minerals are needed in the body in large quantities. The demand for trace minerals is smaller but cannot be ignored. Trace elements are an essential part of any diet. Unfortunately, many people do not provide the body with these essential nutrients. Currently, even whole foods lack all these necessary nutrients, because modern farming techniques eliminate these minerals from the soil.

Humic trace minerals are 100% natural; what is even more important is that they CANNOT be manufactured in the laboratory. Trace elements are only found in high quality foods. Among the many trace minerals we can mention: selenium, vanadium, germanium and iodine.

The body's demand for trace minerals is small but cannot be ignored.



MINERALS

ORGANIC HUMIC TRACE MINERALS

Micronutrients are supplied to the organism with food but due to soil exhaustion and the "industrial" nature of food production, their content in food is negligible (several hundred times less than 20 years ago).

Micronutrients in the human diet include: iodine, iron, fluoride, boron, cobalt, copper, chromium, zinc, manganese, molybdenum, selenium.

Specifications:

Acqua Mavra™ is unmatched with over 77 naturally occurring trace minerals, trace elements, amino acids, oxygen and hydrogen. Acqua Mavra™ ionic-colloidal minerals act as a powerful delivery system, able to carry 60 times their own molecular weight in nutrients from food, vitamins, enzymes, and herbs.

Acqua Mavra™ is unmatched with over 77 naturally occurring trace minerals, trace elements, amino acids, oxygen and hydrogen.

Amino Acids:

Amino acids are unusual compounds without which the body loses vitality, is weakened, absorption of vitamins and minerals is ceased, you become depressed, and consequently your body gives up, quits and dries up like a sick tree. Do not let the lack of amino acids reduce the quality of your life:

Alanine, Arginine, Aspartic Acid, Cystine, Glutamic Acid, Glycine, Histidine, Isoleucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosin, Valine

Enzymes:

Enzymes accelerate, or catalyze, chemical reactions. Thanks to the enzymes, all the biochemical reactions in our bodies can occur quickly, at regular body temperature and regular pH. In the absence of the enzymes, the speed of all these reactions would be very slow. For that reason, enzymes play an essential role in our bodies. Enzymes are known to catalyze more than 5,000 biochemical reaction types. Most enzymes are proteins, although a few are catalytic RNA molecules. Enzymes' specificity comes from their unique three-dimensional structures. Almost all metabolic processes in the cell need enzymes in order to occur at rates fast enough to sustain life.

Acqua Mavra™ as a trace mineral beverage that contains huge quantities of organic origin amino acids and other organic acids.

BENEFITS: ACQUA MAVRA™ PREMIUM BLACK DETOX DRINK CONSUMPTION

BLACK DETOX DRINK BEVERAGE INGREDIENTS: WATER AND HUMIC MINERALS COMPLEX

1. Acqua Mavra™ as a trace mineral beverage that contains huge quantities of organic origin amino acids and other organic acids.
2. As a humic acid beverage - proven to be the richest source of fulvic acid - as verified by independent laboratory analysis.
3. Easily absorbed.
4. Will supply more than 70 electrolytes, which stimulates chemical equilibrium, balanced pH and proper electrical conductivity in the body.
5. Will boost overall energy and endurance.
6. Increases activity of multiple enzymes.
7. Speeds up the enzymatic activity, transports vitamins and minerals to the cells, stimulates division and safe disposal of herbicides and pesticides, increases the absorption of nutrients to the cells, promotes healthy cell division, increases DNA content in cells and increases the speed of RNA synthesis.
8. Stimulates metabolism.
9. Improves digestion.
10. Improves brain function and mental clarity.
11. Helps to eliminate harmful toxins during physical activity.
12. Humic substances reduce the density of the blood, support the rapid dissolution of blood clots and strokes, and above all have beneficial effect on vascular disease.



13. The humic molecules have the ability to bind together with heavy metals like lead or cadmium, then pass through the intestinal wall and in effect remove the harmful substances from the body.

14. Humic substances eliminate fungi, different types of viruses (eg. herpes viruses that cause cold sores) and protect cells from various types of radiation - in particular the radioactive radiation (in effect preventing the malignant tumors).

15. Humic acid was formed from organic matter involving microorganisms. It is extremely healthy for both plants and animals. It is the most potent antioxidant, since the number of electrons exceeds 14 sextillions (14 000 000 000 000 000 000 000 000) and the molecules contain receptor (will take on ions) and donor sites (gives up ions). The fact that it can both give up and take on ions is unique.

*Always free of
sugar, yeast,
wheat, gluten, soy,
milk, egg, shellfish
and preservatives.
Vegetarian/Vegan
Product.*

FUNCTIONAL BENEFITS

RECOMENDED INTAKE: FOR OPTIMUM RESULTS, DRINK ONE BOTTLE OF ACQUA MAVRA™ DAILY (500ML). DRINKING ACQUA MAVRA™ PREMIUM BLACK DETOX DRINK REGULARLY BENEFITS THE FUNCTIONING OF THE BODY.

BALANCE

Raises energy levels - restores a sense of well-being, helps to wake more refreshed and supports restful sleep and restores strength and energy.

Restores electrochemical balance - all the cells in the body are dependent on the nutritional microelements and trace elements - Acqua Mavra™ Premium Black Detox Drink recharges these cells and improves life longevity.

Natural antidepressant & anti-oxidant.

PURIFICATION

Chelat (Toxin binding agent) - supports cells and body irrigation system - mobilizes to remove toxins. The mineral complex increases the utilization and uptake of nutrients and vitamins, which results in more efficient body nourishing.

Provides the most powerful electrolytes in the nature - contains over 70 natural electrolytes! Increases the performance during exercise.

Cleanses the body from toxins (DETOX with pesticides, herbicides) - humic acids are extremely reactive substances. What does it mean? The particles contain molecules: receptors (receiving ions) and donors (lessor ions); receptors act to absorb the toxins from the cells. Cells and body fluids are purified by eliminating toxins!

STRENGTHENING

Several immune-boosting properties of fulvic and humic acids have been identified, which may help protect against a variety of viruses.



Studies in China showed that children responded to humic substances for viral respiratory illness that had been previously unresponsive to treatment. Trace minerals and trace elements contains electrolytes, without which the immune is impaired. Immune cells must be able to "breathe" - free of toxins and by-products of cellular respiration and mitosis.

STIMULATION

Stimulates the activity of enzymes to improve digestion and metabolic activity of enzymes involved in many practical functions of the human body.

Stimulates the metabolism - provides ingredients to the glands needed for the sustainable production of hormones - resulting in better emotional balance.

Glandular cells require minerals and trace elements that allow the efficient production of a sufficient quantity of the hormones necessary for healthy hundreds of biological activity in the system.

INCREASE

Increases the absorption of nutrients by the cells - humic acids act as a strong "transportation system". Each molecule of humic acids can transport nutrients, including vitamins, minerals, enzymes, trace minerals, amino acids, carbohydrates and fats. Black fulvic ionic-colloidal minerals act as a powerful delivery system, able to carry 60 times their own molecular weight in nutrients from food. No other organic or inorganic substances demonstrate that feature to this extent of molecules of humic acid.

Increases the activity of numerous enzymes - we are all born with a constant (established) enzyme potential. Virtually every function of the body's cells require some type of enzyme. Metabolic enzymes and digestive enzymes decrease with age. Fulvic and humic acids increase the activity and amount of each of the thousands of enzymes in the body

Studies in China showed that children responded to humic substances for viral respiratory illness that had been previously unresponsive to treatment.

FREQUENTLY ASKED QUESTIONS

ORGANIC HUMIC TRACE MINERALS

Is your product tested by independent laboratories?

Yes - we believe that the quality of our product is of utmost importance. Our products are tested regularly and rigorously for mineral content, humic acid content, amino acid content, plate counts and heavy metals. Each test is conducted by an independent laboratory for honest and accurate results. Many companies can claim to provide humic minerals, but do not back up their product with independent analysis. We encourage customers to always ask a supplier for an analysis and ask where their raw materials are sourced.



Will products that have a low pH acidify the body?

Companies who suggest that minerals without a pH of 7.0 will acidify the body are using faulty logic to market their product. Products that claim to be “pH neutral and contain humic minerals” have created an oxymoron. Our product is acidic because of its high humic mineral content and is unadulterated by neutralizing agents that bring the pH to 7.0. Our humic mineral works much like Vitamin C – which is an acid that alkalizes in the body.

Beware of companies who claim their humic minerals have a “neutral pH”, as it is sign they are NOT selling free form humic minerals. What they ARE selling is neutralized compounds that no longer contain the benefits of free form humic minerals. A neutral pH means NO free form humic minerals, only reacted humic compounds – which contain no health benefits for your body.

Does your company use a proprietary process?

We use only purified water to extract the minerals from our deposit material and never use any chemicals, of any kind. We have no need to hide behind a proprietary or “secret process” because our deposit material is among the rarest on earth – and that is why our product cannot be duplicated! When researching humic minerals, note than some companies state that “no harmful chemicals are used in their process.” Notice they do not promise that “NO chemical of any kind” have been used, which is important.

Is your product 100% humic in solution?

This statement appears on numerous websites. All humic minerals are soluble at all pH ranges. YES, our product is 100% dissolved humic minerals. This, however, does NOT mean that a product is 100% humic minerals—no humic mineral product can be 100% humic minerals, as it is scientifically impossible.

What can I expect from drinking Acqua Mavra™ Premium Black Detox Drink?

Most people will first notice a more consistent and “even” flow of daily energy and increase in endurance. For those who suffer from health problems, several weeks of drinking Acqua Mavra™ may be needed to notice the energy boost. Humic minerals can lead to improvements in health and increase absorption of nutrients from foods. With regular use, your hair, nails, teeth and skin will gradually become much healthier. Digestive and bowel health will improve and many of the aches and pains of age and daily stress can be reduced or eliminated.

Are these minerals safe to ingest on a daily basis?

Our humic minerals are tested by several independent laboratories for mineral content, trace mineral content, trace element content, humic & fulvic acid content, heavy metals, plate counts (no yeast, fungus, bacteria or mold appears), amino acid content and insecticide residue (none appears in the product). Our humic minerals have an 80-year track record of safe and beneficial use by humans and animals alike with no report of adverse or harmful effects reported. We spare no expense to make sure our humic minerals are the finest and most scientifically supported humic minerals on the market.

Can children drink Acqua Mavra™ Premium Black Detox Drink?

Yes. There are no side effects from consumption of Acqua Mavra™ Premium Black Detox Drink by children.

Is your product plant-derived?

It is of plant origin - “plant-derived” suggests that the product is a direct extraction of plants. YES, our product is of plant origin; it is extracted from a source material, which was once a rain forest. If a humic mineral is of plant origin, it must contain trace amounts of organic constituents, such as amino acids. Our minerals have been tested for amino acid content. A humic mineral should also contain carbon, iron and at least 60 or more trace minerals and elements. “Plant-derived” can be a misleading claim, as humic minerals are derived from prehistoric deposits, not a living plant.

MICROELEMENTS

WHAT IS THE IMPORTANCE AND POWER OF MICROELEMENTS, TRACE ELEMENTS, MACROELEMENTS AND ULTRAELEMENTS IN HUMAN BODY?

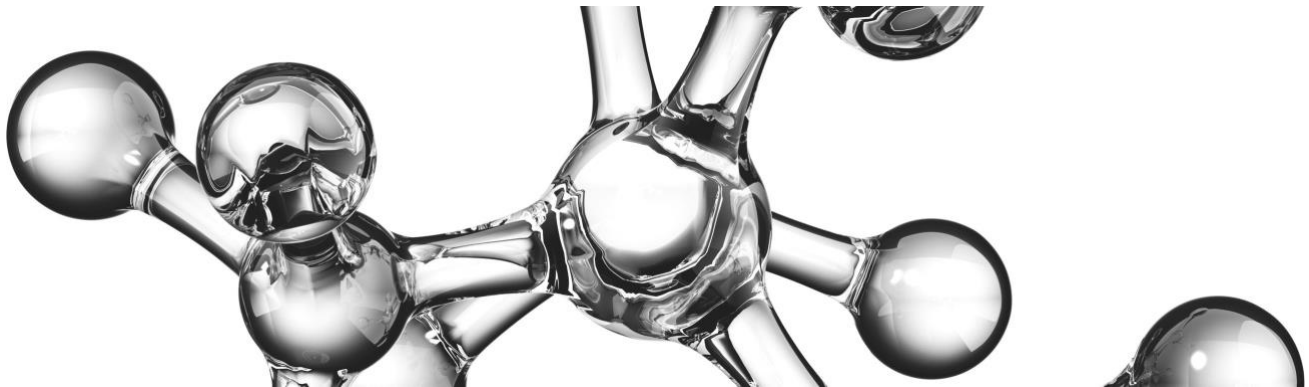
Microelements are delivered to the human body with food, but due to the sterilization of soils and the "industrial" character of food production, their content in food is negligible (several times less than 20 years ago). Micronutrients necessary for human body include: iodine, iron, fluoride, boron, cobalt, copper, chromium, zinc, manganese, molybdenum, selenium.

WHY IS IT IMPORTANT?

A deficiency of microelements (trace elements) can lead to physiological disorders. Minerals are required in the body for:

- Building (especially bone structures)
- They are part of: body fluids, certain enzymes, high energy compounds
- Control factors that bind to DNA and regulate transcription of receptors for steroid hormones and other factors

Microelements are delivered to the human body with food, but due to the sterilization of soils and the "industrial" character of food production, their content in food is negligible (several times less than 20 years ago).



MACROELEMENTS

For humans macronutrients are elements which daily dietary requirements exceed 100 mg. They are essential for the proper development of the body. These include: phosphorus, calcium, magnesium, chlorine, potassium, sodium, sulfur, nitrogen, hydrogen, oxygen, carbon.

ULTRAELEMENTS

The third group of elements are ultra-elements with daily required dosage of several μg per gram of body weight: rad, silver, gold, platinum. They activate enzymes during metabolic processes.

MICRONUTRIENT DEFICIENCY CAN LEAD TO MANY SERIOUS HEALTH DISORDERS, WEAKENED IMMUNITY AND LOWER PHYSICAL PERFORMANCE OR APATHY.

It is important to support our body with good nutrition. The first stage is to determine which elements we lack. Using appropriate meal plans accompanied by Acqua Mavra™ will allow us to top up these deficiencies and restore balance to our body.

A deficiency of microelements (trace elements) can lead to physiological disorders.

RESEARCH PAPERS & SOURCES page 1/2

1. Anti-aging

“Hospital studies in China show that elderly patients, ages 60-90, when treated with fulvic acid, regained appetite, slept better, and became more energetic. Other hospital studies coming from India show that fulvic acids are considered to be a powerful anti-aging therapy that also able to help with symptoms of dementia.”

(Source: Erchuan Wang et al, Humic acid, 3 (1991))

2. Fight against bronchial diseases

A 1984 study looked at the use of fulvic/humic acids in chronic bronchitis and found that these were as effective (or more) than conventional drug therapies at alleviating symptoms.

(Source: Jingrong Chen et al, Jiangxi humic acid, 2 [1984])

3. Humus acid in the fight against cancer

“Patients with cancer causing tumors of the esophagus had 100% success rate in preventing tumor progression into the cancerous state when treated for two years with a humic extract solution.”

(Source: Yuan, Shenyuan; Fulvic Acid, 4 1988; in Application of Fulvic acid and its derivatives in the fields of agriculture and medicine; First Edition: June 1993)

4. Thyroid treatment

A 1982 study found that injections with humic substances were highly effective (as high as 90%) at stopping the growth of thyroid tumors.

5. Humic Acid Protects Cell's Defense Mechanisms Against Viruses

“Preliminary in-vitro studies with Cocksackie A9 virus, influenza A virus, and herpes simplex virus type 1 (HSV-1) have already shown that Humic substances are effective against both naked enveloped DNA viruses.”

-Klocking and Sprosig, 1972, 1975; Thiel et al., 1977)

6. Hemorrhagic Fever

“Hemorrhagic Fever patients with normally incurable epidemic hemorrhagic fever were able to be successfully treated with humic extracts, which stopped bleeding, restored circulation, removed clots, was anti-viral, and significantly bolstered and regulated the immune system.”

-Yinzhang Cui, Humic Acid, 1 (1991)

7. Remove Pesticides From the Body

Humic acid has shown to break apart toxic pesticides, such as paraquat and help remove them from the body.

(source: paraquat- Fisher, A.M., Winterler, J.S. & Mill, T. (1967). Primary Petrochemical Processes in photolysis mediated by humic substances. In R.G. Zika & W.J. Cooper (Eds). Petrochemistry of environmental aquatic system (141-156) (ACS Sympoium Series 327). Washington DC: American Chemical Society)

8. Electrical Balance in Cells

“Fulvic acid has proven to be a powerful organic electrolyte, serving to balance cell life. If the individual cell is restored to its normal chemical balance thereby turning its electrical potential, we will have given life where death and disintegration would normally occur within plant and animal cell.”

(source: Jackson, William R. (1993). Humic, Fulvic and Microbial Balance: Organic Soil Conditioning 329. Evergreen, Colorado: Jackson Research Center)

RESEARCH PAPERS & SOURCES page 2/2

9. Fighting with ulcers

Ulcers. These substances have been used externally as masks, poultices and baths to help remedy skin conditions including ulcers and skin diseases. In fact, one study found a greater than 90% success rate with using fulvic/humic mineral baths for ulcers. A 1991 study found this same effect on internal ulcers as well.

(Source: Yuan, Shenyuan; Fulvic Acid, 4 1988; in Application of Fulvic acid and its derivatives in the fields of agriculture and medicine; First Edition: June 1993)

10. 7 Fulvic Acid Benefits & Uses: Improve Gut, Skin & Brain Health

<https://draxe.com/fulvic-acid/>

11. 17 Humic Acid Uses & Benefits

<https://wellnessmama.com/61295/humic-acid-uses-benefits/>