

# The Sulfur Study

It is important to remember:  
**ORGANIC SULFUR IS A FOOD, NOT A VITAMIN OR A DRUG**

## By: Cellular Matrix Study

The Cellular Matrix Study (referred to here as "The Sulfur Study") was organized in 1999. This study was inspired by a fatal type of breast cancer, a type of germ cell reproductive cancer that had been reported to respond to Organic Sulfur.

While researching this cancer, it became obvious that the sulfur cycle plays an important role in the regeneration of our cells. The Study also found that the use of chemical fertilizers had effectively broken the sulfur cycle in countries that use these fertilizers.

Diseases we hadn't even heard of have become typical, cancer has grown at an unprecedented rate, and the quality of our food has been greatly diminished. Is there a correlation here?

Since 1954, rates of disease in the U.S. have gone up approximately 4,000 percent. And in 1954, chemical fertilizers were mandated by our government. Fertilizers such as Ammonium Nitrates and Ammonium Sulfates, which lack bioavailability, appear to have broken the sulfur cycle. Allow us to give you a little history on this. Chemical fertilizers were first developed in the 1700s by a Polish researcher. But not until Farbin (Bayer) adopted this research and began producing chemical fertilizers from coal tar in 1860 did their use affect those who ate the food.

In Germany 1906 Dr. Alzheimer described "women lost in their minds," otherwise Alzheimer's which was only observed in Germany. Most of Europe had adopted these fertilizers before the start of WW2. When crude oil was very cheap, Prescott Bush (the grandfather of U.S. President of George W. Bush and Nelson Rockefeller) contracted with Farbin I.G. to develop a crude oil based fertilizer in the West Nile Region of Africa. That formula which is known as Ammonium Sulfate and Ammonium Nitrate is the leading formula for most chemical fertilizers used worldwide. These fertilizers are devoid of sulfur due to the 380 degree F temperatures at which they are "crackled." The other issue is that these fertilizers bind up any free sulfur available in the rain water from the sulfur cycle. This appears to have contributed to the decline of our health, wealth, mental acuity, and quality of life. We believe that it will be clearly demonstrated a connection between the lack of Organic Sulfur and the inability of cells to regenerate in a healthy manner.

Linus Pauling who was the only person in history who was awarded two unshared Nobel prizes said that all modern diseases can be attributed to a mineral deficiency. "You can trace every sickness, every disease and every ailment to a mineral deficiency." Most researchers say that Organic Sulfur is one of the most important of the trace minerals.

## What Sulfur Does

Sulfur enables the transport of oxygen across cell membranes, and oxygen is necessary for healthy cellular regeneration in mammals. Plants, on the other hand, require carbon dioxide for cell regeneration,

and plants can store sulfur, while man cannot. Man eliminates carbon dioxide, and plants eliminate oxygen. Thus, the sulfur cycle is symbiotic and vital for life as we know it.

When many health professionals are asked about sulfur, they state as if reading from a cue card, "We get all the sulfur we need from the food we eat." That was true until man decided to change the way we grow our food and what we feed our crops. Grass eating livestock plus organically grown produce could again supply our need for sulfur. Those cultures which eat organically grown foods are not sulfur deficient. Garlic, green onions, kale, broccoli and spinach are high I sulfur – only if grown organically.

In 1920, Otto Warburg began his study of cancer in both plants and man, for which he received a Nobel Prize in 1931. He proved that cancer in man is anaerobic. Anaerobic, by definition, is cellular metabolism without oxygen. "Cancer" in plants is linked to too much intracellular oxygen, or aerobic metabolism. The use of a gas we are intended to eliminate for cellular regeneration is not a healthy program for plants or man.

## Why billions for cancer research when the cause is known?



In 1931 [Dr. Otto Warburg](#) won the Nobel Prize for his discovery that the root cause of cancer was [acidosis](#) (too much acid in the body fluids) and [hypoxia](#) (oxygen deficiency). Research that Dr. Warburg conducted 8 years earlier revealed that cancer cells are anaerobic and cannot survive in the presence of high levels of oxygen. What Dr. Warburg described was anaerobic cellular metabolism in the carbon dioxide or waste gas which remains in the cell when oxygen is not transported into the cell. Gas transports is cellular respiration, no new oxygen in to PUSH the carbon dioxide out.

Research shows that viral infections are also anaerobic and viral conditions like Hep C and HIV cause cellular degeneration not only in the liver but other cellular systems. **Oxygen is the enemy of all viruses whether due to its presence in the cell or the flexibility of the cell membrane which makes the virus incapable of tearing into the cell.**

A fact sheet published on the [Chemical Industry Archives](#) website revealed that cancer incidence in the U.S. increased steadily between 1973 (the first year that statistics were compiled) and 1996. The increase was consistent across many types of cancer — from breast cancer that increased steadily at 1.5 percent annually, to prostate cancer that skyrocketed to 4.4 percent per year. Overall, cancer incidence in the U.S. rose by 1.1 percent per year during that time, or about 11,000 more cancers per million people each year (source: National Cancer Institute NCI 1996, 1997).

**“Deprive a cell 35% of its oxygen for 48 hours and it may become cancerous.”**

**-Dr. Otto Warburg**

**There are two ways our body cells get oxygen. One is through breathing. The other is through ingesting (eating) Organic Sulfur.**

The average amount of oxygen in the blood is about 96%. When deprived of adequate oxygen (hypoxia) the body can experience a variety of symptoms... Eating Organic Sulfur is a way of getting oxygen into your body, directly into the blood and lymph system. It's worth considering that if the fundamental body organ, a body cell, is not working properly, then the larger organs are not, and aerobic exercise will only be partially effective. If the body cells, themselves, are not functioning properly, nothing is.

You may be suffering from an oxygen deficiency if you experience: bronchial problems, acid stomach, poor digestion, irritability, irrational behavior, memory loss, depression, dizziness, muscle aches & pains, circulation problems, fatigue, and overall body weakness.

Hypoxia occurs when there is less than the normal amount of oxygen in the air inhaled; when breathing is obstructed, is inadequate, or stops; when oxygen is not transferred normally from the lungs to the blood; when the blood cannot carry its normal quota of oxygen; when the flow of blood is inadequate, or stops. Our Pure Organic Sulfur helps balance the Acid and Alkaline and promotes healthy cell and oxygen levels.

## Why Most MSM Supplements Don't Work

The Study's initial research of organic sulfur had its participants go to the store to buy MSM (methylsulfonylmethane). But what we hoped to observe did not coincide with what the literature said about MSM. Except for gastrointestinal improvements, our initial group had little improvement.

When we found an article about the 16 "deadly" additives found in MSM—the anti-caking additives, we realized why our early participants were not reporting any health improvements. These additives benefit only the packaging industry; our health is apparently a lesser concern to them. It appears that the pharmaceutical industry has demonstrated a desire to suppress any and all non-pharmaceutical therapies not only for cancer but all diseases. Doctors who suggest conventional therapies do so because the research suggests that drugs, surgery and radiation are the best "legal" medical approach to treatment. Doctors are trained and supported by the commerce of medicine.

**What may be a more important issue are the diseases caused by the side effects of the drugs of pharmaceutical industry, why do most drugs advertised carry a list of adverse side effects? Why don't peas, carrots or spinach carry the same warnings? Drugs are not natural substances because natural substances cannot be patented and it is a necessity for the drug manufacturers to be profitable.** Find a doctor that is interested in the cause not just to fix the symptoms.

**Sulfur, with an atomic number of 16, is known to bond with almost every other mineral. Sulfur has demonstrated its ability to detoxify heavy metals in conjunction with the transport of oxygen across the cell membrane, thus allowing regeneration. Sulfur is also the key player as a precursor for the utilization of amino acids, the body's building blocks. Of all of the amino acids, some 70 percent are sulfur-based. Muscle is made up of protein, cholesterol and organic sulfur.**

**This detoxification cannot happen with MSM that contains anti-caking ingredients, because these excipients block the bioavailability of sulfur to the cells. The same thing happens when organic sulfur is released into the ocean, or evaporates and falls with rain—that sulfur is bound up by the chemical fertilizers as sulfites and sulfates.**

**It soon became clear that the Study had to find a pure, uncontaminated form of MSM. After a thorough search, we believe we have found it in the form of Organic Sulfur—coarse crystal flakes which are fresh from the precipitator and have had no further processing. Sulfur is affected in a negative way whenever it is packaged in pills or capsules, processed into a powder, or combined with other products. Note:** if a “flow agent” is added like silicon dioxide, also known as silica which prevents the powdered MSM from caking or clumping, it renders it significantly less or non-effective. Because most retailers and manufacturers define silica as harmless and inert, they market their MSM as “organic.” Silica is very inexpensive and increases the volume of MSM, hence more profit. It becomes less efficient and cannot be effectively utilized for vital cellular oxygen transport, cellular health, amino acid production, and is less efficient as a detoxifying agent.

## Preliminary Findings

We are seeing cellular regeneration in the face photographs of our Study participants, but it takes up to seven years to regenerate all the cells in the body when the cells are healthy. Damaged cells from trauma or chemical processes cannot regenerate unless the ability to transport of oxygen across the cell membrane is functioning. Oxygen is a large molecule, so nutrient uptake is also improved when the cell membrane becomes pliable and healthy. **The purity of the sulfur is an important factor.**

Old scar tissue and various types of fibroids have been reported to resolve. This is an example of cellular regeneration in cells that have been scarred and unable to regenerate over the years following a trauma.

The skin is the largest organ in the body, and it's like a huge kidney or lung. Sulfur is known as "the beauty mineral," and what we really are saying is that the skin is more beautiful if its cells are able to regenerate. The skin is the backup for the liver, and someone in liver distress shows it in the cells of their face and skin. When the internal filters are working well, the extracellular fluids are not polluted and the immune system is allowed to protect the body from infections.

Lab and clinical data have not been made available from the doctors or clinics that have seen our Study members. However, we can report the following dramatic examples of cellular regeneration:

- **Cancer** is an anaerobic condition by definition. Study members who had cancer and used chemotherapy who took 30 grams of sulfur during the chemotherapy had no side effects—there was no hair loss, nausea, or diarrhea. There was, however, a surprisingly greater reduction of cancer cells counts, as reported by their oncologists. Lymphomas have been responding to Organic Sulfur both in decreased pain and decreased size of tumors.
- **Arthritis:** Organic sulfur, by comparison to commercially available MSM, is a remarkable mineral for arthritis, and produces the effects which have been reported. Those who had been taking Organic Sulfur reported much less pain and increased mobility. Many reported the straightening of finger joints, along with the resolution of internal scar tissue around the joints.
- **Osteoarthritis** has been reported to respond to the ingestion of organic sulfur. As can be observed in old photographs of our relatives prior to 1960, most people were not bent over prior to the historical breakdown of the sulfur cycle through fertilizer use.

- **Osteoporosis** has also been addressed, though the numbers are too few to be significant. Bone density tests are demonstrating reversal of bone thinning, or loss of bone density.
- **Skin conditions** including acne, psoriasis, rosacea, toenail fungus, burns, liver spots, and disorders associated with Lupus Erythematosus have been eliminated. Sulfur can be used both internally and externally, but the cells which demonstrate the problem originate from the endothelial layer of the skin, which is better addressed by internal use.
- **Cardiovascular:** The results which were the most startling were the number of open-heart procedures which had been scheduled and were subsequently cancelled when the individual's EKG returned to normal. This happened in as little as six weeks of ingesting Organic Sulfur. 54 cases like this have been reported. Our blood vessels also regenerate, and we believe that these cancelled surgical procedures could be an example of such regeneration. The group has also seen the reduction of scar tissue, high blood pressure, and the breakdown of calcium plaque in the arteries. Thus, we believe organic sulfur would be likely to benefit Alzheimer's sufferers as well.
- **Diabetes** is helped, because sulfur is necessary in the production of insulin as well as other sulfur-based amino acids necessary for the metabolism of carbohydrates.
- **Gastrointestinal disorders** including acid indigestion, GERD, irritable bowel syndrome, leaky gut, and chronic constipation have been addressed with a dosage of organic sulfur at a 4 percent level of body weight twice daily. Other digestive disorders such as ulcerative colitis and Crohn's Disease have not been observed to date, but we feel that the symptoms found in the literature will be alleviated with the use of sulfur.
- **Liver:** One of our members regenerated his liver after suffering 25 years from Hepatitis C, after 15 months of taking two tablespoons of organic sulfur twice a day.
- **Parasites** find that the lining of the stomach and intestines too "pliable or slippery" to sink their hooks into.
- **Migraines and headaches** have been alleviated. Migraines seem to take longer than other types of headaches, and the sulfur can often produce a migraine which then may require more sulfur to address the possible detoxification process that is occurring.
- **ADD, ADHD, hyperactivity, depression, and mood swings** are greatly relieved with the use of organic sulfur. Organic sulfur acts as a stabilizer or mood elevator and relaxes the nervous system. We have reports of people getting off antidepressants and Ritalin within as little as three days of starting to take Organic Sulfur. Those who had been on antidepressants for a long time took a little longer. The ability of the body to produce its own glutathione appears to be the reason.
- **Respiratory:** Just as impressive were the Study members who were suffering from lung dysfunctions such as allergies, asthma, and emphysema. Those with more serious conditions stopped depending upon the bottled oxygen they had been carrying around, in spite of the fact that they might have continued smoking.
- **Glaucoma** relief has been reported by Dr. Eldon Haus, MD and by a few members of the Study. It appears that there is regeneration of the cells of the "drainage" system of the trabecular meshwork at the inner base of the iris. Subjects who suffer from increased intraocular pressure found that the drops they used to control their eye pressure often inhibited their ability to drive or read, where sulfur has not demonstrated any such corneal disturbance.
- **Hair:** Gray- and white-haired members have experienced a return to their natural color hair. The natural color that gradually returns to the nape of the neck indicates the regeneration of the pigment glands at the base of the hair follicle. Note: Reversal of hair loss is also being reported by our users.)
- **Teeth and gums:** The power of oxygen may be best demonstrated in its ability to eradicate gum disease. Organic sulfur, when used as an additive to toothpaste or tooth powder, appears to

eliminate the plaque buildup on the teeth, but more importantly, it appears to regenerate the gums and "tighten" previously loose teeth.

## Cellular Regeneration Requires Oxygen Transport Across Cell Membranes

Cellular regeneration appears to be closely tied to the body's ability to transport oxygen across cell membranes. As stated earlier, this is a primary function of organic sulfur.

**A study of the periodic table of elements shows sulfur, selenium, and tellurium as being the only three oxygen transport minerals. Further study shows that chlorine and fluorine are detrimental to such oxygen transport, yet these elements have been added to make our teeth "healthier" and our water "more pure" or free from bacterial infestation. These elements are poisonous at higher concentrations, and they block the uptake of both oxygen and sulfur. Drinking city tap water is discouraged in the Study for this reason.**

The Study believes that a widespread deficiency in the mineral sulfur may be responsible for the great increase in disease in the U.S. Healthy cellular metabolism is the basis for cellular regeneration of all of our cells. This is the bottom line for the human body. Without intracellular oxygen, we begin to degenerate long before our biological clock runs out.

We began life as a single cell, and from that one cell we have made and regenerated all the cells of our body in a healthy manner, unless that regeneration is stymied by the food we eat.

Since 1954, our food supply has been devoid of sulfur, thanks to the use of chemical fertilizers and the over processing of our foods. Unfortunately, our nation is not about to cease the use of these profitable chemicals, which involve commercial agribusiness, medicine, insurance, as well as genetic and designer foods. However, we can regenerate our internal sulfur cycle with organic sulfur, provided that this sulfur compound has not suffered the same indignities of science that our food supply has and continues to suffer.

Finland, alarmed over the increasing disease rate of its population, took a hard look at chemical fertilizers and banned all of them, fearing the levels of cadmium. They were not aware of the sulfur connection or Krebs cycle. Since doing so, they have become a leading supplier of "Bio-Friendly" or completely organic foods in Europe. They have also seen their disease rates drop to one tenth of the 1985 levels. In 1985, the U.S. was at the same marked disease level as Finland. Why are we not following suit and banning all chemical fertilizers? It appears that the epidemiology of those countries using chemical fertilizers have an increase in disease, while those that use organically based fertilizing methods do not.

Organic sulfur is a food, not a drug. Organic Sulfur is not stored in the body and it is considered to be nontoxic. Attempts to kill mice, rats, and Oregon State Death Row inmates failed to reach a toxic level even at 200 grams or almost half pound a day.

One of the best ways to oxygenate your cells, alkalize your blood and remove toxins that can lead to cellular malfunction is to take Organic Sulfur. Sulfur lets oxygen in by increasing the permeability of cell membranes, and takes out the trash! Sulfur, in the form of sulphates, plays an essential role in cellular detoxification and the normal metabolism of brain neurotransmitters.

Organic Sulfur forms **146 different chemical combinations**. Sulfur will combine with all metals except gold and platinum to form inorganic sulfides. Inorganic sulfides convert these hazardous toxic metals into

non-hazardous, stable forms which are safely ushered out of the body. By bonding with all the toxic heavy metals, Organic Sulfur can safely chelate and remove these toxic metals from our bodies!

All of us are undergoing an unprecedented level of toxic assault from pesticides, herbicides, radiation, GMO foods, toxic chemicals put into food, personal care products and medication, and now more recently, chemtrails that poison our air, water and soil with toxic metals. Organic Sulfur (MSM) is a gift from the Almighty as it is one of the quickest, safest and most effective natural supplements everyone needs daily to help deal with the toxic load.

**If mild flu symptoms or headaches occur, these are symptoms of detoxification not “side effects” – this temporary healing crisis will disappear over time. Just back-off a little on the sulfur and work yourself back and be sure that you are getting proper hydration.**

### **Who Can Take Organic Sulfur?**

Everyone! Organic Sulfur has been shown to be safe for all people, including children and pregnant women though we recommend consulting your healthcare provider in these cases to determine suitability. Organic Sulfur (MSM) is not similar to inorganic sulfides, sulfites, and sulfates which many people are allergic to. Organic Sulfur is a naturally occurring mineral. There are no serious reports of Sulfur causing any damage or discomfort when taken in the dosage amounts described below. There is over a 30 year history of Organic Sulfur use showing it to be one of the safest nutrients to ingest even in large quantities without any toxic side effects on the body. No liver damage has been documented due to taking MSM. Organic Sulfur is also safe for people taking medications. It should be noted, however, that Organic Sulfur (MSM) can thin blood so it should be approved by a licensed doctor when used in conjunction with blood thinning medication.

### **What If I take Too Much Sulfur?**

Organic Sulfur is considered non-toxic and if you took too much into your body it will simply be eliminated safely through the gastrointestinal system. The most common complaint reported when too much is taken is headaches.

#### Why Is It Important To Drink Plenty of Water While Using Organic Sulfur?

Proper hydration is critical since the oxygen for cellular metabolism is present in the water we drink. We use the rule of 64 ounces of water per 100 lbs. per day which means a 200 LB. person needs 128 ounces of water per day (one gallon). Since everybody is different, and people's ailments vary in severity, everyone reacts to Organic Sulfur at a different rate. In the question above one of the reasons a user would experience a headache is from inadequate water consumption. Since Organic Sulfur helps to detoxify the body you want to make sure you are properly hydrated so you can easily flush these cellular wastes from the body. As mentioned earlier, Chlorine and fluorine are poisonous and when it comes to oxygen and sulfur, these poisons block the effective use of both oxygen and sulfur. Drinking pure or filtered pH water is encouraged in the study for that reason.

### **What is it and How Does Organic Sulfur Work?**



Black liquor is a by-product of the pulp and paper industry. From this product they produce DMSO1. Then DMSO1 is heated and the precipitation process results in pure DMSO2 or methylsulfonylmethane (MSM) or organic sulfur. All organic sulfur is referred to as DMSO2. Some may come from **lignin**, naturally occurring in tree cells and gives the tree its rigid form- lignin acts like glue in the tree cells and keeps the tree standing up.

With pain and joint health the smooth layer of cartilage in joints is primarily made up of Glycosaminoglycans (GAGs). What joins GAGs molecules together are disulfide bonds. These bonds make the cartilage "firm and resilient". It is thought that the abundance of sulfur that MSM supplies to the body allows for stronger bonds, and therefore stronger cartilage.

In most other health conditions it is understood that to protect your health or regain your health it is necessary to focus on supplying the cells of the body with the right building materials. This is where Sulfur shines because Sulfur plays a big part in the health of all the body's cells because it functions as an oxygen transport mechanism. This is why use of Organic Sulfur has such a wide range of noticeable benefits. However, Organic Sulfur is passed every 12 hours after being ingested. We must consume sufficient quantities of organic sulfur on a daily basis.

A study of the periodic table of elements shows organic sulfur, selenium, and tellurium as being the only three oxygen transport minerals. Without oxygen we die. Further study shows that chlorine and fluorine are detrimental to such oxygen transport. For centuries mankind has soaked in sulfur-rich, mineral hot springs to help heal a variety of ailments. It is this presence of sulfur that is believed to assist in easing joint pain.

**Best news** is we have found the best possible example of Pure Organic Sulfur Crystals. It is labeled under



**This is a 90 day supply at the suggested dose.**

Start by putting 5g or 1 teaspoon into about 16oz. of V-8 100% juice or Gatorade. Vitamin C is recommended to take along with the Organic Sulfur for best results. Dividing your daily amount for morning and evening is suggested because unused Organic Sulfur usually stays in the body for about 12 hours. You can also put it into your drinking container and sip on it throughout the day. Dissolves well in water, juice or other drinks as mentioned.

**Warm is OK but very Hot** may reduce the effectiveness a little but no major concern.

100% V-8 Juice or Gatorade tastes best in my opinion as the Sulfur has somewhat of a bitter taste and you won't like just using water in a glass if you're going to consume all at once.

**Note:** 100% V-8 has 23g of sugar and G2 has 12g per bottle. You will find that you may need more than one teaspoon of Organic Sulfur, but this level is the best starting point.

You'll receive a dosage chart with your order. This pure grade Sulfur Crystals may take a little longer to dissolve so I also suggest putting it into your drinking container at night and it will be ready for you in the morning.



**Example:** If you drink ½ gal. of water per day, take a gallon container of water and put a two day supply of Organic Sulfur into it. Now you have your two day water/sulfur supply. You won't even notice the Organic Sulfur in this quantity amount.

**Recap: for the best results take with Vitamin C. We do offer a Vitamin C-1000 Complex.**

Vitamin C helps absorb the Organic Sulfur better and our tablets are slow dissolving and have a longer life so it gets into your system throughout the day.

Organic Sulfur is a FOOD not a vitamin or a drug. This should be considered an addition to your daily food choices as a lifelong improvement. **Remember:** Organic Sulfur stays with you for 12 hours and then passed. This is why you should drink it throughout the day or in the morning and then again in the evening. DON'T MISS a day. Without a constant supply of sulfur we are, in effect, dying each day through cellular degeneration. Just a fact...

**NO chlorinated water or fluorine, only pure or filtered water.**

The Organic Sulfur is available **NOW!** Contact us at [customerservice@bozooomer.com](mailto:customerservice@bozooomer.com) visit our store at [www.bozooomer.com](http://www.bozooomer.com) or by phone at **1-800-937-0166**

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**PURE ORGANIC  
SULFUR CRYSTALS**

**99.9% Organic Sulfur / MSM – 0.1% Water**

**Bioavailable Sulfur Supplement \* Highest Quality Food Grade**

**Made in U.S.A.**

**1 Pound / 16 Ounces (454 Grams)**