

## What is so special about the Microhydrin Plus Formula ?

It contains a variety of antioxidants that have been selected because of scientific results showing direct health benefits.

We have now tested the formula at a medical school with an antioxidant expert who studies the affects of antioxidants on brain cells and he has found it to be a very potent antioxidant protecting brain cells *in vitro* against severe oxidative damage.

Antioxidants can work together to synergistically improve benefits. For instance taking Vitamin E with C has been shown to be more beneficial than taking just E or C alone. Effects of both are enhanced with one another.

Microhydrin is a powerful electron donor that works with other antioxidants. It contains thousands of electrons as measured by its ORP (oxidation reduction potential of  $-700$  mV or lower). There is no other antioxidant that shows this potential. It has benefits of its own.

### Microhydrin has been shown scientifically:

**To increase NADH**, one of the most important energy molecules in the cell. It **transfers electrons and hydrogen often in its hydride form, which is what Microhydrin does**. This molecule is important to the mitochondria of the cell often called the energy storehouse. Liver cell studies have shown that Microhydrin enhances mitochondria function by increasing NADH production.

**It also been shown to reduce superoxide free radicals, hydroxide and peroxide free radicals and radicals generated by hydrogen peroxide**. These free radicals are highly damaging to cell structures and cell membranes and cause weakness and breakdown of the body.

**It has been shown to reduce lactic acid in humans after exercise.**

Taking only 2 Microhydrin before extensive running or cycling decreases lactic acid by as much as 50%. This reduces soreness whether you are gardening or running a marathon.

- Top athletes such as Adrey Kusnetzov and Elana Makalova have set history-breaking records for marathon runs using Microhydrin over the years.
- Detroit Redwings experienced less muscle cramping and more playing time on the field when taking Microhydrin.

**It has been shown to increase intracellular water.**

- Babies are more hydrated than older adults.

- Hydration is key to functional and healthy cell metabolism and ridding the blood stream of wastes.
- It plumps cells to show signs of less wrinkling.
- Dehydration by 2% results in impaired thinking, uncoordinated motor activity and is harmful to other organs including the kidneys and heart.

**It optimizes the pH of body fluids.**

- The average American diet tends to be highly acidic.
- Nutritional scientists are now recognizing the importance of adding foods to the diet that are alkaline.
- Microhydrin is alkaline.
- Taking 4 Microhydrin was shown to make the body more alkaline.

### **Alpha lipoic acid**

- One of the leading scientists of our century, Dr. Ames, discovered this nutrient and its importance
- He has shown in animal studies that it reversed signs of aging, supported memory function and protected cells from severe radical damage.
- It is not abundantly available from the diet but is in spinach.

### **N-acetyl cysteine**

- Studies have shown when this special amino acid works together with alpha lipoic acid the benefits are even more pronounced in reversing cellular damage.
- Animal studies show that memory and learning functions are improved, oxidative stress is decreased and signs of aging are reversed.

### **Milk Thistle**

- The extract from Milk Thistle, silymarin, has been shown in studies to reverse damage in liver cells and improve function of the liver.\*
- The liver provides many important functions, detoxifying metabolic products, regulating blood glucose levels and aiding in producing bile for digestion.

### **Quercetin**

- Is the most powerful bioflavonoid.
- Flavonoids enhance and protect vitamin C, and may help to lessen allergy sensitivities by blocking release of histamines\*.
- Studies have indicated that people with high dietary consumption of flavonoids have healthier organ tissues, such as stomach, lung, pancreas, breast and prostate\*.

## **Green Tea**

- Harvard studies have shown that people consuming green tea have healthier hearts than those that do not\*.
- Polyphenols and catechins have been shown in studies to support cells of the liver, lungs, brain, and blood vessels\*.
- Has powerful antioxidants that protect cells from damage.

## **Niacinamide**

- Its most important function as an antioxidant is that it reduces lipid free radicals in the arteries and vessels of the heart\*.
- Supports the health of the heart\*
- Necessary for energy functions in the cells.
- Niacin deficiency results in a wasting away of the body.

## **Vitamin C**

- Protects blood, brain, and liver cells from damaging free radicals.
- Protects vitamin E from oxidation
- Crosses the blood brain barrier.
- An important antioxidant that reduces oxidative damage in the eyes.

## **Selenium**

- Plants contain less selenium than they did 50 years ago because of modern agricultural practices.
- More plants per acre leaves little available for each plant.
- Selenium containing nutrients soon evaporate with shipping and storage.
- It is thought to be such an important antioxidant, it is now being studied world wide for its protective effects, called the PRECISE study (Prevention of Cancer with Selenium in Europe and America)\*
- It is absolutely necessary for maintaining optimal health of the body.

\*Statements made have not been approved by the Food and Drug Administration. Dietary supplements are not intended to diagnose, treat, mitigate or cure disease.