



MAXN•FUZE™

Advanced Cellular Defense



Purpose

To provide specially selected nutrients and antioxidants that work in concert with glutathione to protect your body at the cellular level.

Positioning Statement

Max N-Fuze™ is an exclusive formula featuring a proprietary blend of endogenous, exogenous, indirect and network antioxidants along with specially selected vitamins and nutrients designed to support glutathione and the general antioxidant defense needs of your body.

General Description

Glutathione is the body's master antioxidant, but it can't protect your body from the ravaging effects of free radicals all by itself. That's why we developed Max N-Fuze— to give your body the extra help it needs in the fight against free radical damage and oxidative stress. The Max N-Fuze formula helps relieve the burden placed on glutathione by supporting other major antioxidant systems in your body. Max N-Fuze also provides a comprehensive array of vitamins and nutrients that contribute to improving your overall health and well-being.

All antioxidants are not the same. Our bodies need a combination of different types of antioxidants. Most consumers are familiar with "direct" antioxidants such as vitamin C and vitamin E that neutralize free radicals before they can harm cells. "Indirect" antioxidants do not neutralize free radicals directly, but actually trigger long lasting antioxidant activity by inducing antioxidant enzymes that help eliminate many types of free radicals. In addition to providing certain direct antioxidants, Max N-Fuze also features indirect antioxidants such as broccoli seed extract, green tea extract and turmeric root extract.

Since it is nearly impossible to determine which free radicals you will be bombarded with and what your antioxidant needs will be on a daily basis, it is critically important that your body be as ready as possible to defend itself. With Max N-Fuze it doesn't matter what your daily activities are because you know the nutrients and antioxidants in the Max N-Fuze formula are working hard to protect you.

Unique Attributes

Max N-Fuze is designed specifically to support MaxGXL® by providing key vitamins, nutrients and antioxidants that are known to support glutathione or induce enzymes that support glutathione.

- Max N-Fuze uses the most highly concentrated form of sulforaphane glucosinolate (from broccoli seed extract), extracted to the highest standards (see Supporting Ingredients).
- The ingredients in Max N-Fuze were selected for their synergistic qualities, both with each other and in conjunction with MaxGXL in glutathione support.

Product Benefits

- Contains key vitamins and minerals required daily for optimal cellular function.*
- Supports glutathione and glutathione enzymes in defending against oxidative stress.*
- Provides key co-factors such as B vitamins, vitamin A and selenium to support glutathione function.*
- Provides other endogenous antioxidants, CoQ10 and alpha lipoic acid.*
- Provides indirect antioxidants including broccoli seed extract (sulforaphane glucosinolate), green tea extract (catechins) and turmeric root extract (curcumin).*
- Provides vitamins and nutrients needed to support the body's network antioxidant defense systems including the antioxidant enzymes SOD (superoxide dismutase), CAT (catalase) and GPx (glutathione peroxidase).*
- Helps support the glutathione Phase II detoxification pathway.*

Supporting Ingredients

Green Tea Extract (catechins) – an antioxidant which induces gamma-glutamylcysteine ligase, the first enzymatic step in the biosynthesis of glutathione.

Turmeric Root Extract (Curcumin) – a potent antioxidant that fights free radicals and is known to reduce inflammation. Curcumin also induces Phase II enzymes that support the glutathione detoxification pathway.

Broccoli Seed Extract (sulforaphane glucosinolate) – Acts as a catalyst to boost antioxidant activity for as much as three days. Protects against DNA damaging electrophiles and helps cells neutralize toxins and carcinogens so they are eliminated from cells. It also helps to raise and replenish glutathione levels. Induces enzymes used in the Phase II detoxification pathway.

Quercetin – a supporting flavonoid antioxidant that scavenges free radicals that can damage cells.

Coenzyme Q10 (CoQ10) and Alpha Lipoic Acid – endogenous antioxidants that are part of the body's network of antioxidants. They work together with glutathione in protecting the fat and water portions of the cells from different types of free radicals.

Vitamin D – New findings are revealing that the RDA of Vitamin D of 400 IU per day may need to be increased to be fully effective in supporting bone health, immunity, and other various health concerns. Max N-Fuze contains 1000 IU to maximize the benefits it provides.

Vitamin A (beta carotene) and B Vitamins – co-factors that support many essential glutathione enzymes.

Selenium – the essential catalytic component of the enzyme glutathione peroxidase (GPx) and is absolutely required for its function.



Directions for Use

Take one packet daily mixed with 8oz (250 mL) of water for optimal nutrition.

Store in a cool, dry place.

Guarantee/ Warning

This product has been manufactured in the USA in strict conformance with industry standards. Purity and potency guaranteed.

Warning: Keep out of the reach of children. This product is for adult use only. It is not intended for use by young children, pregnant women, or nursing mothers.

Nutrition Facts

Supplement Facts

Serving Size 1 Packet / 0.242 oz (6.9g)

Servings per container 30

	Amount per Serving	% Daily Value
Calories	10	
Total Carbohydrate	3 g	1%*
Sugars	3 g	†
Vitamin A (as beta carotene)	1500 IU	30%
Vitamin C (as ascorbic acid)	60 mg	100%
Vitamin D (as cholecalciferol)	1000 IU	250%
Vitamin E (as d-alpha tocopheryl succinate)	30 IU	100%
Thiamine	1.5 mg	100%
Riboflavin	1.1 mg	65%
Niacin	20 mg	100%
Vitamin B6 (as pyridoxine)	5 mg	250%
Folate (as folic acid)	300 mcg	75%
Vitamin B12 (as cyanocobalamin)	50 mcg	833%
Biotin	50 mcg	17%
Pantothenic Acid (as calcium pantothenate)	10 mg	100%
Magnesium (as magnesium carbonate)	20 mg	5%
Zinc (as zinc amino acid chelate)	2 mg	13%
Selenium (as selenomethionine)	150 mcg	214%
Copper (as copper gluconate)	200 mcg	10%
Manganese (as manganese chelate)	200 mcg	10%
Chromium (as chromium nicotinate)	30 mcg	25%

Proprietary Blend: **285 mg †**
Broccoli Seed Extract (Brassica oleracea var. italica), Quercetin, Turmeric (Curcuma longa) (root extract) (95% curcumin), Green Tea Extract (Camellia sinensis), Microencapsulated Alpha Lipoic Acid, Coenzyme Q10.

* Percent Daily Values based on a 2,000 calorie diet

† Daily Value Not Established

Other Ingredients: Fructose, citric acid, sodium bicarbonate, maltodextrin, beet root juice, stevia, natural cherry berry, natural orange flavor, lecithin and silicon dioxide.

Scientific Studies

Fu Y, Zheng S, Lu SC, Chen A. Epigallocatechin-3-gallate Inhibits Growth of Activated Hepatic Stellate Cells by Enhancing the Capacity of Glutathione Synthesis. *Mol Pharmacol.* 2008;73(5):1465-1473.

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Fahey JW, Talalay P. Antioxidant Functions of Sulforaphane: a Potent Inducer of Phase II Detoxification Enzymes. *Food and Chemical Toxicology.* 1999;(37):973-979.

Riedl MA, Saxon A, Diaz-Sanchez D. Oral sulforaphane increases Phase II antioxidant enzymes in the human upper airway. *Clinical Immunology.* 2009;(130):244-251.

Gasper AV, Al-janobi A, Smith JA, Bacon JR, Fortun P, Atherton C, Taylor MA, Hawkey CJ, Barrett DA, Mithen R. Glutathione S-transferase M1 polymorphism and metabolism of sulforaphane from standard and high-glucosinolate broccoli. *Am J Clin Nutr.* 2005;(82):1283-91.

Morimitsu Y, Nakagawa Y, Hayashi K, Fujii H, Kumagai T, Nakamura Y, Osawa T, Horio F, Itoh K, Iida K, Yamamoto M, Uchida K. A Sulforaphane Analogue That Potently Activates the Nrf2-dependent Detoxification Pathway. *The Journal of Biological Chemistry.* 2002;277(5):3456-3463.

FAQs

How is the new formulation of Max N-Fuze different from the previous one?

A- Aside from the obvious difference of being a powder instead of a liquid, the new Max N-Fuze is designed to better target key nutritional areas that support glutathione, either directly or indirectly. For example, a key ingredient—broccoli seed extract—has been added to the formula which has strong supportive science showing it helps induce glutathione S-transferases (GST), vital enzymes used in the glutathione Phase II detoxification pathway.

What role does Max N-Fuze play in glutathione production?

A- Max N-Fuze is specifically formulated to support MaxGXL in the production and preservation of glutathione. For example, catechins found in green tea are known to induce the first enzyme required for your body to synthesize glutathione. Max N-Fuze also supports the other major antioxidant networks in your body to help ease the burden placed on the master antioxidant, glutathione.

Can I take Max N-Fuze together with other products from Max International ?

A- All the products at Max International are designed not only to be safe and effective as individual products, but also to work synergistically with other Max International products.

Why is Max N-Fuze now in a powder instead of a liquid?

A- There are many reasons that Max N-Fuze is now a powder instead of a liquid. A powder has the following advantages:

- Easier to include other beneficial ingredients in the formula such as broccoli seed extract
- Better control of the consistency (texture) of the product
- Longer shelf life
- Easier to internationalize the product for expansion into new markets

With this formulation we were also able to significantly improve the taste.

What is the difference between an endogenous and exogenous antioxidant?

A- Endogenous antioxidants are produced by the body itself to protect against free radicals and to provide other essential health functions. Exogenous antioxidants are not produced in the body, but are provided through the consumption of food and supplements. Exogenous antioxidants together with endogenous antioxidants play an important role in the maintenance of good health.