QUICKSILVER SCIENTIFIC®

Advanced PushCatch® Detox System

METALS



A TARGETED DETOX FOR HEAVY METALS

The body's natural detoxification system supports the clearing of accumulated toxins throughout our lifetime and is one of the most critical systems for maintaining whole-body wellness. Unfortunately, in today's industrialized world, the persistent exposure to multiple toxicants has resulted in an over-burdened detoxification system, impacting human health.

Heavy metals such as lead, mercury, cadmium, and arsenic, although naturally occurring elements, have substantially increased in our environment contaminating our water, soil, and air, and can easily bioaccumulate in the body. Chronic heavy metals exposure is associated with a broad range of adverse symptoms that can impact multiple body systems and lead to irreparable damage if left unchecked.

Advanced PushCatch® Detox System METALS is a comprehensive supplementation protocol designed to work with the body's natural detoxification processes and other crucial body systems to help reduce toxic load.

The base of this system uses our patented **PushCatch®** model for deep, cellular level movement and elimination of toxins. The additional products in this system support the removal of multiple metals, and given the complexity and strength of ingredients, should be used under the care of a healthcare practitioner for best results.



Welcome to your detox. Let's do this together!

- Dr. Christopher Shade
Founder & CEO, Quicksilver Scientific

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WHY DETOX?

Your body is equipped with a natural detoxification system—primarily involving the liver, kidneys, lymphatic system, and gut—to neutralize and eliminate harmful substances. Detoxification is not a one-time event; it's a continuous process vital for health and longevity.

Over time, this system can become overwhelmed by the volume of contaminants we are exposed to daily which fall broadly into two categories:

ENDOGENOUS TOXINS - *produced by the body*

The body generates internal waste products that must be cleared regularly. These include:

- **Endotoxins** – Fragments from bacteria that can leak from the gut into the bloodstream, triggering inflammation.
- **Hormones** – Once used, hormones like estrogen must be broken down and cleared to maintain balance.
- **Metabolic By-Products** – Everyday bodily processes generate waste, such as carbon dioxide, urea, and ammonia, which must be properly excreted.

EXOGENOUS TOXINS - *environmental + external*

These come from daily exposures—often invisible and unavoidable—and include:

- **Heavy Metals** – Such as mercury, lead, arsenic, and cadmium, found in food, water, and air.
- **Mold Toxins (Mycotoxins)** – From indoor mold exposure or contaminated foods.
- **Plasticizers & Chemicals** – Like BPA and phthalates, found in plastics, cosmetics, and packaging.
- **Medications & Drugs** – Pharmaceuticals, whether prescribed or over-the-counter, must be metabolized and cleared by the liver.

WHEN THE BURDEN EXCEEDS THE BODY'S CAPACITY

If toxin exposure outpaces your body's ability to eliminate them, these substances begin to accumulate in cells, tissues, and fat stores. This toxic load may:

- Deplete antioxidants like glutathione (your body's master detoxifying molecule)
- Impair mitochondrial function (the way your cells make energy)
- Disrupt your hormone and immune balance

Over time, this ongoing stress can leave you more vulnerable to immune dysregulation, fatigue, memory and focus problems, and even faster aging.

The good news: supporting your detox pathways with smart supplementation can help restore balance, build resilience, and help you feel and function your best.



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8 SIGNS OF METALS TOXICITY

01. Skin changes

Rashes, itching, discoloration, or unusual pigmentation may appear as metals accumulate and irritate tissues. Arsenic exposure, for example, is linked to darkened patches or thickened skin.

02. Metallic taste or oral sensitivity

Some people notice a lingering metallic taste, mouth irritation, or sensitivity in their gums and teeth — often tied to mercury or lead.

03. Headaches

Recurring or unexplained headaches may reflect neurological stress from toxic metals.

04. Kidney issues

Swelling in the hands, feet, or around the eyes; changes in urination; or abnormal lab values (like protein in urine) may indicate kidney stress, especially with cadmium or mercury.

05. Cardiovascular symptoms

Heavy metals can raise blood pressure, contribute to irregular heartbeats, or worsen circulation — sometimes felt as cold hands and feet.

06. Respiratory complaints

With metals like cadmium, shortness of breath, chronic cough, or reduced exercise tolerance can occur, especially with inhalation exposure.

07. Bone and mineral loss

Cadmium and lead in particular may weaken bones over time, increasing fracture risk or causing bone/joint pain beyond normal wear and tear.

08. Neurological disturbances

In more advanced cases, tremors, unsteady gait, difficulty with coordination, or worsening memory and concentration may be warning signs of deeper toxicity.

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ADVANCED PUSHCATCH® DETOX SYSTEM METALS

Advanced PushCatch® Detox System METALS is a comprehensive and streamlined toxin removal program designed to support the body's natural detoxification capabilities and target the elimination of heavy metals.

Liver Sauce® supports the mobilization of stored toxins using powerful nutraceuticals, bitter herbs, and plant compounds. **Ergo-Thione+** offers synergistic antioxidant defense and immune stabilization, while high dose phosphatidylcholine in **Membrane Mend®** aids toxin export and cell membrane function. Targeted kidney-centric phytonutrients found in **Kidney Care** help nourish kidneys and stimulate lymphatic drainage. **Dr. Shade's Catalyzed Mineral Complex** provides important mineral co-factors that support heavy metals detoxification including copper, zinc, manganese, selenium, and molybdenum.

A core aspect of heavy metals detoxification is not only the mobilization of the metals but also their proper elimination. This is effectively done using **Liposomal EDTA with RLA**, a well-known heavy metal chelator and other natural binding compounds found in **Ultra Binder®** and **AmalgaClear®**. A standout metals binder included in these formulations is Quicksilver's proprietary IMD, a thiol-functionalized silica with covalently attached thiolic (sulfur) groups to help bind metals like mercury, arsenic, and cadmium for excretion through the GI tract.

WHAT SETS QUICKSILVER SCIENTIFIC'S DETOXIFICATION SYSTEMS APART FROM OTHER PROTOCOLS?

- **Matching Ingredients to Biochemistry:** There is no guesswork formulating and designing our products and protocols. Each well-researched ingredient has a targeted biochemical purpose to support cellular health, function, and detoxification processes.
- **Quicksilver Delivery Systems®:** Our proprietary delivery technology improves upon liposomal and emulsification technology with smaller, stable particles. This supports the higher absorption rate of ingredients for rapid cellular delivery and consistent outcomes.

INSIDE THE PROTOCOL



Dr. Shade's Liver Sauce®
QTY 2 - 100 mL Bottles



Ergo-Thione+
QTY 2 - 100 mL Bottles



Membrane Mend®
QTY 2 - 100 mL Bottles



Kidney Care
QTY 2 - 100 mL Bottles



Catalyzed Mineral Complex
QTY 1 - 120 capsules



EDTA with R-lipoic Acid
QTY 2 - 100 mL Bottles



Ultra Binder®
QTY 2 - 20 packets 4g each



AmalgaClear®
QTY 2 - 2.5 oz Powder

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THE PUSHCATCH® SYSTEM

1. HOW IT WORKS

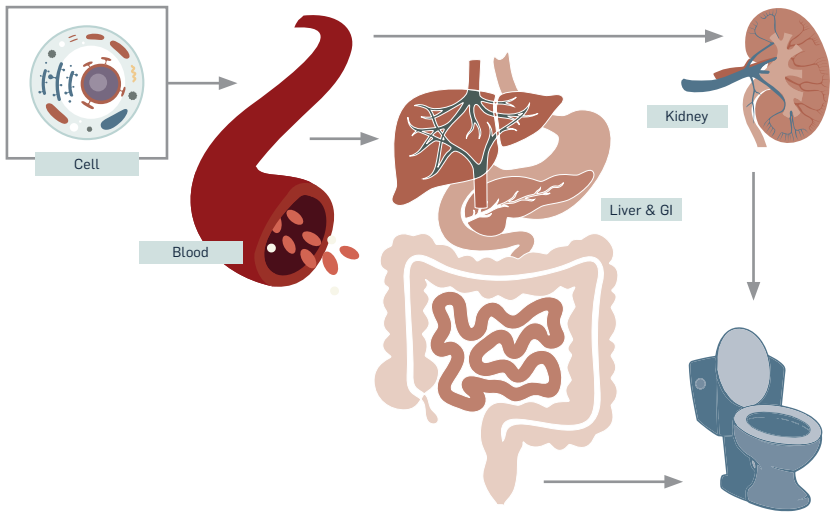
Improperly designed detox protocols can result in toxins recirculating throughout the body.

The patented **PushCatch®** model of detoxification was developed by Quicksilver Scientific and Dr. Shade to work with the body's natural detoxification processes. It encompasses all three phases of detoxification: activation, conjugation, and the filtration and binding of toxins in the GI tract.

PHASE I & II, "PUSH": Potent nutrients and bitter phytocompounds help activate critical biochemical pathways such as Nrf2 to "push" toxins from the cell into the blood, liver, and kidneys.*

PHASE III, "CATCH": Healthy bile flow supports the movement of toxins through the liver and kidneys for excretion. Binding agents such as charcoal and bentonite clay intercept, or "catch," toxins in the intestine for removal, helping minimize recirculation.*

THE PUSHCATCH® MODEL OF DETOXIFICATION



2. HIGHLY BIOAVAILABLE PRODUCTS

Quicksilver Scientific has been a cutting-edge leader in practitioner-grade detoxification products and protocols for over a decade, specializing in highly bioavailable dietary supplements using proprietary nanoparticle delivery technology.

Nanoparticle delivery, also commonly called liposomal delivery, allows for efficient cellular absorption of ingredients, bypassing digestion and first-pass metabolism.

3. BIOSYNCHRONOUS-ACTIVATION®

Our delivery technology enhances bioavailability, absorption, and the timely delivery of ingredients. When removing toxins from the body, this delivery plus timing creates a cohesive activation of detoxification pathways, a process we call **Biosynchronous-Activation®**.

For example, **Liver Sauce®** combines powerful detoxification compounds R-lipoic acid, milk thistle, DIM, quercetin, luteolin, and the bitter herbs dandelion, solidago, gentian, and myrrh into a phospholipid nanoparticle for rapid and simultaneous cellular absorption of all ingredients.* This sets the stage for an efficient, dependable cycle of detox.

Traditional detoxification programs that use capsules or powders cannot cohesively activate detoxification pathways because of the slow and variable metabolism of ingredients. This can result in a patchwork detox cycle, increasing the risk for redistribution of toxins and creating unwanted detox symptoms with diminished outcomes.

PATENTED PROTOCOL

The PushCatch® 2-step system (Liver Sauce® and Ultra Binder®) is a patented method of treatment for proper detoxification.

US Patent Numbers: 11,391,702; 12,121,558

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30-DAY PROTOCOL INSTRUCTIONS

PRODUCT CYCLING: 5 days on, 2 days off

ACTIVE DETOX DAYS: 20

30 - DAY PROTOCOL					
PRODUCT	A.M.	30 MIN. LATER	P.M.	30 MIN. LATER	WITH A MEAL
Dr. Shade's Liver Sauce®	1 tsp		1 tsp		
Ergo-Thione+	1 tsp		1 tsp		
Dr. Shade's Kidney Care	1 tsp		1 tsp		
Membrane Mend®	1 tsp		1 tsp		
Liposomal EDTA	1 tsp		1 tsp		
AmalgaClear® & Ultra Binder® Stick Packs		Mix 1 tsp of AmalgaClear® & 1 pack of Ultra Binder® in 8 oz. filtered water		Mix 1 tsp of AmalgaClear® & 1 pack of Ultra Binder® in 8 oz. filtered water	
Dr. Shade's Catalyzed Mineral Complex					4 capsules
*Make sure to drink adequate water when taking charcoal-containing supplements					

INSTRUCTIONS:

- Take 1 tsp each of **Liver Sauce®**, **Ergo-Thione+**, **Kidney Care**, **Membrane Mend®**, and **Liposomal EDTA** twice daily. Hold each dose in the mouth for 30-90 seconds before swallowing. Taking on an empty stomach is recommended.
- Mix 1 tsp **AmalgaClear®** with 1 **Ultra Binder®** stick pack in 8 ounces of filtered water 30 minutes after taking the liquid products. Wait another 30 minutes before eating.
- Take 4 capsules of **Dr. Shade's Catalyzed Mineral Complex** once per day with a meal. NOTE: For 30-Day protocol, take 4 capsules 7 days per week.

IF TAKING MEDICATIONS, PLEASE READ: Because AmalgaClear® and Ultra Binder® contain activated charcoal and other binding substances that may affect the absorption of medications, they should be taken at least two hours before or after prescription medications.

*We recommend working with a qualified practitioner for guidance.



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60-DAY PROTOCOL INSTRUCTIONS

PRODUCT CYCLING: 5 days on, 2 days off

ACTIVE DETOX DAYS: 40

60 - DAY PROTOCOL			
PRODUCT	A.M.	30 MIN. LATER	WITH A MEAL
Dr. Shade's Liver Sauce®	1 tsp		
Ergo-Thione+	1 tsp		
Dr. Shade's Kidney Care	1 tsp		
Membrane Mend®	1 tsp		
Liposomal EDTA	1 tsp		
AmalgaClear® and Ultra Binder® Stick Packs		Mix 1 tsp of AmalgaClear® & 1 pack of Ultra Binder® in 8 oz. filtered water	
Dr. Shade's Catalyzed Mineral Complex			3 capsules
*Make sure to drink adequate water when taking charcoal-containing supplements			

INSTRUCTIONS:

- Take 1 tsp each of **Liver Sauce®**, **Ergo-Thione+**, **Kidney Care**, **Membrane Mend®**, and **Liposomal EDTA** once daily. Hold each dose in the mouth for 30-90 seconds before swallowing. Taking on an empty stomach is recommended.
- Mix 1 tsp **AmalgaClear®** with 1 **Ultra Binder®** stick pack in 8 ounces of filtered water 30 minutes after taking the liquid products. Wait another 30 minutes before eating.
- Take 3 capsules of **Dr. Shade's Catalyzed Mineral Complex** once per day with a meal. NOTE: For 60-Day Protocol, take 3 capsules five days per week.

IF TAKING MEDICATIONS, PLEASE READ: Because AmalgaClear® and Ultra Binder® contain activated charcoal and other binding substances that may affect the absorption of medications, they should be taken at least two hours before or after prescription medications.

*We recommend working with a qualified practitioner for guidance.



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RESULTS OF AN EFFECTIVE DETOX PROGRAM*

WEEK 1

In the first week of detox, it's common to feel a little more tired than usual. This is normal! Your body is shifting energy toward mobilizing and clearing toxins. If you feel fatigued, stay well-hydrated, get extra rest, and give yourself permission to go easy—you're supporting your body through an important adjustment.*

WEEKS 2-3

By the second and third week, your body has likely adjusted to your new detox routine. Many people notice more energy, a brighter mood, better sleep, and clearer thinking.*

WEEK 4 AND BEYOND

As you move into week four and beyond, these positive changes often continue to build—greater stamina, deeper rest, balanced mood, and improved mental clarity.*

You may also notice that health challenges you struggled with before starting your detox have faded. By removing toxic barriers, your body can function more efficiently, supporting immune and hormone balance, gut health, cognition, and overall vitality.*

YOUR QUESTIONS, ANSWERED

Q. DO I NEED TO FOLLOW A SPECIFIC DIET WHILE I'M ON THE PROGRAM?

A. No. However, it can be beneficial to reduce overly processed foods, excess sugar, and alcohol while detoxing as these things are inflammatory in nature and can create blockages to detoxification. Eating whole foods that are high in fiber during your detox can provide additional detoxification support.

Q. HOW DO I DETERMINE WHICH PROTOCOL TO DO?

A. We recommend working with a qualified healthcare provider to determine the best protocol for your needs.

- **The 30-day protocol** offers a more intensive approach, with twice-daily dosing that provides a stronger and more prolonged activation of detoxification pathways. If well tolerated, this option may help clear toxins at a faster rate.
- **The 60-day protocol** is a gentler alternative. With once-daily dosing, it's easier to follow and less intensive, making it a good choice for those who are more sensitive or have busy schedules.

Q. HOW WILL I KNOW I'VE CLEARED MY HEAVY METALS TOXICITY?

A. The best way to know is by working with your healthcare provider. Many people notice progress as symptoms like fatigue, brain fog, or low energy begin to improve. To confirm, your provider may also recommend follow-up lab testing to track heavy metal levels over time.

Because heavy metals can take months to clear, it may be advised to repeat the **Advanced PushCatch® Detox System METALS** protocol for several cycles. What matters most is steady improvement in how you feel, along with test results showing metals trending down into a healthy range.

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Q. SHOULD I DRINK EXTRA WATER WHILE DETOXING?

A. Drinking plenty of clean, purified water is vital to help flush toxins from the body. Keep a glass water bottle on hand and aim to drink half your body weight in ounces of water per day. For example, if you weigh 140 lbs., aim to drink 70 ounces of water daily.

Q. WILL I EXPERIENCE CHANGES IN ELIMINATION HABITS?

A. You may notice a change in urination frequency due to the lymphatic drainage aspect of the program. Don't be alarmed, the kidneys are vital toxin elimination organs and increased urination supports the removal of excess fluid and waste.

Occasionally, people will experience changes in their bowel habits when they're detoxing. Some may have loose stools, while others experience difficult elimination. It is ideal to have at least one bowel movement daily. If it's difficult, try increasing your water intake, moving your body with yoga or a vigorous walk, or increasing the fiber in your diet by eating more fruits and vegetables.

Q. CAN I EXERCISE WHILE I'M ON THE PROGRAM?

A. Yes! During the first few days, you may want to take it easy, but exercise is a great complement to your detoxification program as toxins are also excreted through skin via sweat.

Q. WHY DO QUICKSILVER SCIENTIFIC PRODUCTS HAVE SUCH A STRONG TASTE?

A. We use many bitter-tasting plant compounds in our products. Bitter herbs are classic detoxifying compounds that promote bile production and flow to support the movement and elimination of toxins.*

Q. WHAT IF I NEED TO SKIP A DAY OR A FEW DAYS?

A. Not to worry! The protocol has a built-in pulse dosing schedule where you automatically get a few days off from the protocol. The body responds better to the program when it has a few days of rest. If you forget a day or two, the body won't mind, and it's okay if you extend the program past 30 or 60 days to make up for missed days.

Q. WHAT IF I'M HAVING TROUBLE SLEEPING?

A. Quality sleep is essential for healing and detoxification. When beginning a detox protocol, it's not unusual to notice temporary changes in your sleep patterns. This can happen if your body is under extra stress or adjusting to the detox process, which may keep cortisol (a stress hormone) elevated and disrupt rest.

To support more restful sleep, consider adding **LipoCalm®** or **CBD Synergies-SP** to your evening routine.*

FOR ADDED SUPPORT, OUR FAVORITE DETOX PAIRINGS:

Ultra Vitamin® – A broad-spectrum blend of foundational nutrients and key detoxification cofactors to support overall health.*

NAD+ Platinum® – Advanced mitochondrial support to promote cellular energy and function.*

Adaptogenic Reserve Blend – Powerful brain and circulatory support, featuring twelve adaptogenic herbs to help balance the nervous system and build resilience.*

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PRODUCT DESCRIPTIONS

DR. SHADE'S LIVER SAUCE®

Liver Sauce® is a premier liver formula that supports bile flow and detoxification pathways to aid toxin removal while balancing immune function and antioxidant activity.*

IN THIS FORMULA:

R-Lipoic Acid: R-lipoic acid (as sodium R-lipoate) is a potent antioxidant that is a strong activator of Nrf2 and helps upregulate the glutathione system.*

Dandelion and Gentian Root: Dandelion and gentian roots are bitter herbs that help activate bile production by stimulating bitter taste receptors in the GI tract. They are also known to have powerful hepatoprotective effects supporting antioxidant activity in the liver.*

Solidago: Solidago supports excretion of toxins through the kidneys. It also helps increase glutathione levels, supporting phase II detoxification processes.*

Myrrh Oleo-gum Resin: Myrrh helps activate bile flow and offers antioxidant and microbial-balancing effects.+

DIM: Diindolylmethane is a phytonutrient found in cruciferous vegetables that supports the activity of Nrf2. It also has immune-modulating properties.+

Milk Thistle: Milk thistle supports healthy liver function, a prerequisite for successful detoxification.+

Quercetin and Luteolin: The flavonoids quercetin and luteolin help balance the body's immune response making detoxification easier.+



ERGO-THIONE+

Ergo-thione+ is an antioxidant formula designed to help protect cells from oxidative stress, support a balanced inflammatory response, and promote healthy aging pathways. It uses Quicksilver's liposomal delivery system to improve absorption of ergothioneine, a unique antioxidant naturally found in mushrooms but not easily absorbed in its pure form. By improving uptake of this important nutrient, Ergo-Thione+ helps reduce free radical stress, maintain cellular health, and support overall well-being.*

IN THIS FORMULA:

L-Ergothioneine: A "master" adaptive antioxidant sourced from mushrooms. It accumulates in tissues under stress, providing on-demand protection, supporting mitochondria, and coordinating with other antioxidants.

Opitac™ Glutathione: The body's primary intracellular antioxidant, crucial for detoxification, immune support, and regenerating Vitamin C and other antioxidants.

Vitamin C: A potent antioxidant that helps neutralize free radicals, supports immune function, regenerates other antioxidants (like glutathione), and supports collagen formation.

Selenium: Critical for producing antioxidant selenoproteins that protect cells and support immune and thyroid health.

Phosphatidylcholine (from purified sunflower lecithin): Forms the liposomal delivery vehicle that encapsulates the antioxidants, enhancing their absorption and cellular uptake.



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DR. SHADE'S KIDNEY CARE

The kidneys are one of the body's primary routes for eliminating heavy metals, making their health and function essential during detoxification. Supporting kidney drainage, lymphatic movement, and filtration helps support the excretion of mobilized toxins to avoid recirculation. Kidney Care is a proprietary blend of botanicals and nutraceuticals that work synergistically to promote kidney health, maintain proper filtration, and optimize the body's natural detoxification pathways.*

IN THIS FORMULA:

Dandelion Leaf and Goldenrod: The classic bitter herbs dandelion leaf extract and goldenrod support healthy drainage and filtration capabilities of the kidneys for enhanced detoxification.*

Fu Ling and Zhu Ling: Fu Ling is a fungus that grows around the roots of pine trees. It has been found to support kidney tissue integrity. Zhu Ling is an edible mushroom species and has been shown to support healthy kidney function by influencing normal genetic expression.*

Astragaloside IV: Astragaloside IV is a phytochemical derived from Astragalus that offers a vast array of benefits from protecting delicate kidney tissue as well as supporting the KLOTHO pathway, which is critical for longevity.*

Ferulic Acid: This phytochemical is found in fruits and vegetables and helps fortify the body's natural antioxidant defenses and supports healthy inflammatory response and autophagy.*

He Shou Wu (Polygonum multiflorum): He Shou Wu is a Chinese herb with a rich history of use in supporting healthy kidney function and is a tonifying component of the formula.*



MEMBRANE MEND®

Every cell and organelle in the body is surrounded by a lipid membrane that regulates communication, nutrient exchange, and energy production. These membranes are highly sensitive to modern-day stressors such as toxins, poor diet, and oxidative stress, which can weaken their integrity and impair cellular function.

Membrane Mend® is formulated to restore and maintain the resilience of these vital membranes. By nourishing them with key phospholipids, antioxidants, and essential fatty acids, this formula helps protect against oxidative damage, support healthy energy production, and promote the optimal function of the liver, brain, and other organs.*

IN THIS FORMULA:

Phosphatidylcholine: Phosphatidylcholine is the cornerstone of membrane lipid therapy and has been shown to support optimal energy production by fortifying mitochondrial composition. PC also supports healthy bile flow, and healthy liver and brain function.*

Astaxanthin: Astaxanthin is a pink-colored carotenoid found in marine life like krill, shrimp and salmon. This carotenoid provides potent antioxidant benefits that support membrane integrity.*

DeltaGold® Tocotrienols: DeltaGold® Tocotrienols are compounds within the vitamin E family with powerful antioxidant properties. Delta tocotrienol is a highly bioavailable form that aids in membrane protection from oxidative damage.*

Ahiflower®: Ahiflower® is a plant-based omega-3 fatty acid derived from Buglossoides arvensis seeds. Along with PC, essential fatty acids play a vital role in membrane health and function.*



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CATALYZED MINERAL COMPLEX

Modern life can leave your body depleted of the minerals it depends on for energy, detoxification, and balance. Dr. Shade's Catalyzed Mineral Complex is a comprehensive formula that restores these critical nutrients in their most bioavailable forms. This daily mineral blend helps strengthen bones, muscles, and nerves, supports healthy thyroid and metabolic function, and promotes cellular vitality and detoxification.

At the heart of the formula are two powerful natural sources of minerals: Shilajit, a Himalayan resin rich in fulvic acid that helps transport minerals deep into cells for enhanced absorption and energy, and Laminaria, a brown seaweed naturally abundant in iodine, polyphenols, and antioxidants to nourish thyroid and metabolic health. Together, they work to optimize mineral status, restore balance, and fuel the body from the inside out.

IN THIS FORMULA:

Magnesium: Supports energy production, relaxation, healthy muscle and nerve function.

Calcium: Helps strengthen bones and teeth and supports nerve transmission.

Zinc: Helps promote immune health, tissue repair, and hormone balance.

Selenium: Helps provide antioxidant protection, supports thyroid and immune function.

Manganese: Helps aid connective tissue formation and antioxidant defenses.

Copper: May support red blood cell formation and energy metabolism.

Molybdenum: May assist in detoxification and sulfur compound metabolism.

Chromium: May help regulate blood sugar and metabolic balance.

Boron: May support bone strength and hormone metabolism.

Iodine: May help nourish thyroid function and metabolic activity.

Laminaria: Helps provide natural iodine, polyphenols, and antioxidants to support thyroid and metabolic health.

Shilajit Extract: Helps enhance cellular energy, mineral absorption, and vitality.



LIPOSOMAL EDTA WITH R-LIPOIC ACID



This formula combines **EDTA (ethylenediaminetetraacetic acid)**, a universal metal chelator, with R-lipoic acid (RLA), a natural chelator and powerful antioxidant.

EDTA is most effective when it reaches metals at the cellular level. Our advanced liposomal delivery system is designed to enhance absorption and optimize delivery to cells.*

R-lipoic acid works synergistically with EDTA to support the mobilization and elimination of metals. In addition, RLA helps regenerate key antioxidants including vitamins C and E, CoQ10, and glutathione, further strengthening the body's natural defense and detoxification systems.**

AMALGACLEAR®

AmalgaClear® is a specialized binder blend designed to support effective detoxification of mercury and other heavy metals. By targeting metals in the gut, it helps prevent reabsorption and promotes their elimination through stool, reducing the burden on the liver and kidneys.*

This formula combines Quicksilver's proprietary IMD® thiol-functionalized silica with modified citrus pectin, acacia gum, and vitamin C. Together, these ingredients help bind toxic metals, soothe the gut lining, and provide antioxidant protection against free radical stress.*



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ULTRA BINDER® STICK PACKS

Ultra Binder® is a broad-spectrum binder blend designed to "catch" toxins in the GI tract and safely escort them out of the body. Because no single binder can address all toxin types, this formula combines multiple binding agents to support a more complete and effective detox process.*

IN THIS FORMULA:

Activated Charcoal: Charcoal is shown to support the removal of metals, endotoxin, plant toxins, gasses, and vapors, among other substances.+

Bentonite Clay: Bentonite clay is a broad-spectrum microbial binder shown to catch mold toxins, heavy metals, microbes, and various chemicals.+

Chitosan: Chitosan is polyfunctional and has been shown to support the binding of metals and microbes. It also supports friendly flora such as bifidobacteria and lactobacilli.+

Zeolite: The unique molecular structure of zeolite makes it a powerful "cation exchanger," or a substance capable of binding small molecules, including toxins such as heavy metals and organophosphate pesticides.*

Intestinal Metals Detox (IMD®): Quicksilver's proprietary thiol-functionalized silica product delivers insoluble thiol groups to bind and help eliminate mercury and other heavy metals.*

Aloe Vera Leaf and Fibre Gum™: Aloe vera is a soothing prebiotic supporting healthy gastric flora. It also supports bowel regularity. Fiber Gum™ is a soluble fiber that supports beneficial gut bacteria and GI motility and function.*



NOTES

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Quicksilver Scientific® is a leading manufacturer of advanced dietary supplement formulations with a focus on detoxification. Our proprietary liposomal delivery technology supports the bioavailability of ingredients and unsurpassed absorption for health optimization.

At Quicksilver Scientific®, we are passionate about health and well-being and are committed to improving the lives of everyone we touch.

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