

DT•Matrix

A blend of 7 effective herbal extracts to support detoxification through both the liver and kidneys.

Vegan

GMO Free

Gluten Free

Soy Free

Dairy Free



- Contains a blend of 7 herbs to support the healthy function of both the liver and kidney and improve the body's detoxification capabilities
- *Silybum marianum*, *Cynara scolymus* and *Picrorhiza* abilities to protect the liver and improve gall bladder function
- *Silybum marianum* is standardized to 80% silymarin content and *Picrorhiza kurroam* is standardized to 4% kutkins for greater potency and improved efficacy
- *Urticaria dioica*, *Arctostaphylos uva-ursi* and *Arctium* properties and to support healthy kidney clearance
- *Beta vulgaris* is also added to the formula to upregulate nitric oxide production and improve blood flow within the body

The human body is regularly taxed by pollutants, pesticides, allergens and other exogenous toxins. Although our detoxification systems are adept at working together to ensure that these compounds are excreted from the body as quickly as possible, they can often become overwhelmed and in need of

support. While the removal of toxin exposure is integral to overall success, optimal function of both the liver and kidneys must be supported. Thankfully, various herbal extracts have demonstrated the ability to up-regulate the function of these crucial detoxification organs.

Silybum marianum is undeniably the best-known liver protectant herb. Human clinical trials have shown that milk thistle extract can normalize liver enzymes and increase endogenous glutathione production. *Silybum marianum* has also been shown to improve fasting blood glucose, insulin levels, HbA1c and body-mass index (BMI) in those with metabolic disorders and it may help to decrease inflammation in the digestive tract lining.

Lesser-known hepatoprotective herbs include *Cynara scolymus* and *Picrorhiza kurroam*. *Cynara scolymus* is capable of increasing bile secretions and reducing bloating, abdominal pain, flatulence and nausea in those with dyspepsia and IBS. Research also supports its ability to lower triglycerides, reduce LDL cholesterol and improve liver enzymes in individuals with non-alcoholic steatohepatitis (NASH). *Picrorhiza kurroam*, on the other hand, possesses anti-viral properties. One randomized, double-blind placebo controlled trial in

patients showed that two weeks of supplementation led to significant decreases in bilirubin, SGOT and SGPT values compared to placebo.

When it comes to the promotion of healthy kidney clearance, *Urticaria dioica*, *Arctostaphylos uva-ursi* and *Arctium lappa* are all effective diuretics, but each herb also has unique complementary actions. For example, *Urticaria dioica* can improve urinary tract symptoms in men suffering from Benign Prostatic Hyperplasia (BPH) and also decrease fasting glucose and HbA1c in those with metabolic disorders. *Arctostaphylos uva-ursi* exerts astringent, demulcent and antiseptic effects on the membranes of the urinary tract and, therefore, also protects against urinary tract infections. Finally, *Arctium lappa* has been demonstrated to decrease elevated transaminase and restore glutathione levels in the liver of animals.

Collectively, these herbs are standardized to active ingredients, where applicable, and included in Cyto-Matrix's DT.Matrix to support both healthy liver and kidney detoxification. *Beta vulgaris* is also added to the formula to up-regulate nitric oxide production and improve blood flow within the body, another important step in optimal detoxification pathways. DT.Matrix is indicated to support optimal liver and kidney function or for symptoms of excess toxic burden such as low energy, headaches, malaise, constipation and poor cognition.

Each capsule contains

Beet	110mg
(root, <i>Beta vulgaris</i>) 10:1 extract equivalent to 1100 mg dried root	
Globe Artichoke	110mg
(leaf, <i>Cynara scolymus</i>) 10:1 extract equivalent to 1100 mg dried leaf	
Milk Thistle	110mg
(seed, <i>Silybum marianum</i>) 30:1 extract equivalent to 3300 mg dried seeds, standardized to 80% silymarin	
Burdock	100mg
(root, <i>Arctium lappa</i>) 4:1 extract equivalent to 400 mg dried root	
Stinging Nettle	100mg
(root, <i>Urtica dioica</i>) 4:1 extract equivalent to 400 mg dried root	
Bearberry	60mg
(leaf, <i>Arctostaphylos uva-ursi</i>) 4:1 extract equivalent to 240 mg dried leaf	
Picrorhiza	50mg
(root, <i>Picrorhiza kurro</i>) 10:1 extract equivalent to 500 mg dried root, standardized to 5% kutkin	

Non-Medicinal Ingredients

Hypromellose, magnesium stearate, microcrystalline cellulose.

Recommended Use Claim

Burdock is traditionally used in herbal medicine as an alternative to help remove accumulated waste products via the liver, skin and mucus membranes. Used in herbal medicine to help relieve digestive disturbances and help reduce difficulty in urination associated with the early stages of benign prostatic hyperplasia (BPH).

Directions of Use

Adults (18 years and older) - Take 1 capsule, 3 times per day. Take a few hours before or after taking other medications or natural health products. For occasional use only. Consult a healthcare professional for use beyond 1 week.

Cautions and Warnings

Do not use if • you are pregnant • you are breastfeeding • you have a bile obstruction • you are allergic to plants of the

Asteraceae/Compositae/Daisy family • you have heart disease • you have high or low blood pressure • you have a kidney or liver disorder • you have diabetes • you have edema • you are taking products containing diuretics.

Ask a healthcare professional before use if • you have gallstones • you have diabetes • you have glucose intolerance • you are taking diuretics.

Stop and seek medical attention immediately if you experience dizziness, confusion, muscle weakness or pain, abnormal heart beat and/or difficulty breathing.

Consult a healthcare professional if symptoms persist or worsen.

Hypersensitivity (e.g. allergy) has been known to occur, in which case, discontinue use.

Keep out of reach of children.

Storage Conditions

Do not use if safety seal is broken.