

HvyMet Detox™



Dr. Kirk E. Manson
Chiropractic Physician

Clinical Applications

- Supports Removal of Body Stores of Heavy Metals
- Binds to Metallic Elements and Assists in the Maintenance of a Normal Balance of Metal Elements in the Cells
- Supports Ongoing Chelation between Intravenous Chelation Treatments

HvyMet Detox™ is an extraordinary all-natural combination of unique and therapeutic ingredients formulated to support the safe and effective removal of heavy metals. It is designed to protect against heavy metal-induced free radical damage with the addition of the powerful antioxidants, N-Acetyl-Cysteine and Alpha Lipoic Acid.

All aaahh ChiroSpa® Formulas Meet or Exceed cGMP quality Standards

aaahh ChiroSpa
1804 Carlisle Boulevard NE
Albuquerque, NM 87110
505-884-0044

HvyMet Detox™

Discussion

DMSA is a non-toxic, water soluble 2,3,-dimercaptosuccinic acid employed as a metal chelator since the 1950's. Containing two sulfhydryl groups, this relatively stable compound with high affinity for the toxic metal, penetrates into tissue deposits of the metal, only minimally reacts with essential biological molecules and rapidly eliminates the chelated toxic metal through urine and stool.^[1]

EDTA, Ethylene diamine tetra-acetic acid is a weak, synthetic amino acid and perhaps the most well known and often used chelating agent. EDTA has the ability to bind with virtually every metal in the Periodic Table.^[2] EDTA is FDA-approved for lead, mercury, aluminum and cadmium toxicity. There is benefit in combining EDTA with other chelators because alone it acts slowly and could potentially lead to redeposition of metals. It is important to replace beneficial minerals such as zinc, copper, iron, cobalt and manganese that are bound by the EDTA.^[3]

Cilantro (*Coriandrum sativum*) (Chinese parsley, coriander) suppresses the deposition of lead by chelating the metal.^[4] A sorbent prepared from cilantro was found to have good efficiency in removing organic and methyl mercury from aqueous solutions.^[5]

Chlorella, green algae has demonstrated the ability to take up toxic metals in its environment decreasing resorption of heavy metals excreted into the gut from the liver-biliary system. Chlorella's influence is synergistic with that of garlic and cilantro. Researchers observed a dramatic reduction of 66.03% in blood lead levels in a group of mice receiving chlorella extract concurrent with lead exposure.^[6]

Garlic in a variety of forms has been shown by researchers to be beneficial in the management of heavy metal toxicity especially lead,^[7] cadmium^[8] and mercury.^[9]

N-Acetyl-L-Cysteine (NAC) has the ability to interact with reactive oxygen species (ROS) and stimulate the body to produce glutathione enhancing cell survival after exposure to heavy metals or toxins.^[10]

Alpha Lipoic Acid is mostly known for its attribute as a powerful antioxidant. However, it may also directly chelate heavy metals especially copper,^[11] arsenic,^[12] cadmium^[13] and to a small degree, mercury.^[14]



Supplement Facts

Serving Size: 4 Capsules
Servings Per Container: 30

	Amount Per Serving	%Daily Value
DMSA	100 mg	**
EDTA (as calcium EDTA)	300 mg	**
Cilantro	300 mg	**
Chlorella	300 mg	**
Allicin (as organic garlic extract)	6000 mcg	**
N-Acetyl-Cysteine	200 mg	**
Alpha-Lipoic Acid	100 mg	**

** Daily Value not established.

Other Ingredients: HPMC, Magnesium Stearate, and Stearic Acid.

Dosing:

Professional guidance is recommended, as serving size varies according to individual need (health status). May be used to enhance IV protocols, though not formulated to replace IV chelation. Prophylactic use, e.g., after seafood consumption, take 1 or 2 capsules directly after meal.

References

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Precautions:

Supervise closely. Insufficient data to state safety in pregnancy, lactation, children, elderly or for individuals on drug therapy. Be sure patient has good mineral status before using HvyMet Detox™; replete minerals (MinRx™) after the HvyMet Detox™.

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

