

HeavyMetal

Chelates (binds) heavy metals and blocks their reabsorption

- WITH *N*-ACETYLCYSTEINE
- VITAMIN C
- ALPHA-LIPOIC ACID



Heavy metal accumulation in body tissue represents a threat to the central nervous system and every major organ system. The major heavy metals that pose a threat to our well being include mercury, lead, cadmium, and arsenic.

Common sources of contamination include mercury amalgam dental fillings that release toxic vapour as they are prepared and packed into teeth and the subsequent leaching of mercury vapour as they are exposed to food, beverages and saliva. The possibility for mercury poisoning also exists from mercury present in thimerosal, an antibacterial preservative found in vaccines. Minimata disease, a degenerative neurological disorder is another example of mercury poisoning. The people of this Japanese city (Minimata) relied heavily on a diet of fish contaminated with mercury.

Lead contamination as a result of poor battery disposal, lead water pipes, and soil contamination from decades of use of leaded fuel have all contributed to lead being an environmental toxin that poses a threat to metabolic, central nervous and renal system function. Cadmium, a common material in the production of rechargeable batteries has also emerged as a threat to nephrons (filtering mechanisms) within kidneys.

New Roots Herbal Heavy Metal Blockade is recommended for use in conjunction with DMSA, and Amino Mix. The sulfur containing compound, dimercaptosuccinic acid, chelates (attaches to) metal and removes it from the body's tissue for excretion. Amino Mix contains branch chained amino acids that occupy transport sites at the blood brain barrier, effectively keeping bound metals from being redeposited in the brain.

Heavy Metal Blockade is a synergistic formula that contains ingredients that chelate heavy metals, prevent their reabsorption, and recycle themselves. N-acetyl cysteine is the rate limiting step in glutathione production, glutathione is necessary for heavy metal excretion and protection of the liver. The alpha lipoic acid and Vitamin C strengthen the chelating effect of N-acetyl cysteine, and recycle glutathione and other antioxidants. N-acetyl cysteine when taken in 500 mg. daily doses can also reduce levels of malondialdehyde(MDA), a marker for lipid peroxidization.

New Roots Herbal Heavy Metal Detox Program:

- Step 1: Take one capsule of DMSA twice daily every other day for a minimum of 5 weeks.
- Step 2: On alternate days, when not taking the DMSA take one Amino Mix twice daily and one Heavy Metal Blockade three times daily for 5 weeks.
- Note: If you feel sensitivities or any nausea taking the DMSA, take only one capsule daily for the first two weeks.

Each vegetable capsule contains:

N-Acetylcysteine	500 mg
Vitamin C (Ascorbic Acid)	200 mg
Alpha Lipoic Acid	50 mg

Non-medicinal ingredients: Vegetable magnesium stearate and silicon dioxide, in a NON-GMO vegetable capsule composed of vegetable cellulose and purified water.

Contains no: Preservatives, artificial flavour or colour, sugar, milk, wheat, corn, starch, soy or yeast.

Suggested use:

Take 1 to 3 capsules daily before meals on an empty stomach, for 40 days. Take 3 capsules daily when taking DMSA for mercury, lead and other heavy metal detoxification, or as directed by your health care practitioner.

Keep out of reach of children.

Manufactured under strict GMP (Good Manufacturing Practices)
New Roots Herbal at 1-800-268-9486 or www.newrootsherbal.com