

## MetSorb™: Highest Performance in Heavy Metals Reduction at the Lowest Cost

Products and people dedicated to superior water purification technology.

### Meeting and exceeding federal and state environmental standards

The U.S. Environmental Protection Agency has ordered that all water systems meet drastically reduced arsenic levels by 2006. Our advanced, proven water remediation technologies help ensure that our customers meet (and in many cases exceed) this standard—today. These technologies combine simple, time-tested filtration chemistry with proprietary inventions and applications to achieve extremely high removal of arsenic and heavy metals at lower cost than competitive products.

Our latest innovation, MetSorb HMRG, uses a patented material to adsorb a wide variety of heavy metals from contaminated water or process streams, including cadmium, copper, chromium, mercury, and zinc. It is the only product that effectively removes arsenic III, V, and lead from drinking water. This technology is targeted for use in small systems for the whole house (point of entry); at the faucet and in pitchers (point of use); and in larger (point of service) drinking water systems and remediation systems. MetSorb HMRG also affords a higher capacity and a lower level of ion interference than competitive iron and alumina-based products.



HydroGlobe provides leading-edge adsorptive media and methodologies born from science, proven in use worldwide.

### Cutting-edge science from the prestigious Stevens Institute of Technology

HydroGlobe is the creation of three professors on Stevens' faculty, who successfully pioneered the "Direct Co-precipitation Filtration Process" for removing heavy metals from process, drinking, and groundwater in 1997. Using this technology, Stevens created the first arsenic-free village in Bangladesh, helping to resolve the dire health risk posed to its 70 million people. HydroGlobe was founded on this technology in 2001,

and came to worldwide attention with the development of additional technologies for removal of metals from water. They successfully piloted these technologies throughout the United States to remove contaminants such as arsenic, chromium, selenium, copper, and lead.

### HydroGlobe management have a long history in the water business

**Chris Wilker**, President of the HydroGlobe Division of Graver Technologies, has 25 years of experience in the water business through various research, sales, marketing, and executive roles.

**John Schroeder**, VP of Operations of the HydroGlobe Division, also has 25 years of water business experience in manufacturing, research, and executive roles. One of the founders of HydroGlobe, Schroeder holds BS, MSChE, and MMS degrees from Stevens Tech. He is past chairman of the Mt. Laurel (New Jersey) Municipal Utilities Authority; a member of the Mt. Laurel Planning Board; current Chairman of the Chemistry Council of NJ; and a licensed PE in New Jersey. Schroeder is a featured speaker worldwide at conferences addressing the dangers of arsenic and its successful removal.

**Bob Russo**, Director of Sales of the HydroGlobe Division, has 15 years in the water business. He invented and sold the initial material adopted worldwide to remove lead from water in consumer products. Russo holds a BS in Chemistry from Brooklyn College, an MBA from Seton Hall University, and a PhD from Rutgers University.



## HydroGlobe has global reach and broad resources through Graver Technologies and the Marmon Group of Companies.

In December 2004, Graver Technologies LLC acquired HydroGlobe and its proprietary products and methods for removing heavy metals from drinking water and groundwater. Graver itself is a leading supplier of filtration, separation, and purification products, and is a member of the Water Group of the Marmon Companies, a privately-owned international corporation comprised of more than 100 companies. The Water Group operates worldwide in the development and application of water treatment and filtration technologies for consumer, commercial, industrial, and municipal water systems.

### **Our work with federal and state governments, and our affiliations with industry-leading organizations, make us—and you—very well-connected.**

MetSorb™ HMRG heavy metal removal media is being used by the federal Environmental Protection Agency (EPA) in its critical Round 2 trials for arsenic removal technologies, and by Sandia Labs in conjunction with the American Water Works Association Research Foundation (AWWARF) and the EPA in additional trials. Our media is certified by the National Sanitation Foundation (NSF), and we offer the only technology for arsenic removal approved by the New Jersey Department of Environmental Protection (NJDEP).

HydroGlobe belongs to the National Ground Water Association (NGWA) and the American Water Works Association (AWWA).

### **For More Information**

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a division of



**Graver Technologies**

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