



## TECHNOLOGIES & REAGENT RANGE

### VIROFLOW™ TECHNOLOGY *Industrial wastewater and solids treatment*



- > **ElectroBind™** Reagent designed to remove heavy metals from industrial wastewaters and immobilise heavy metals in waste solids and sludges.
- > **ViroChrome™** Reagent designed to remove chromium from tannery wastewaters and immobilise chromium in tannery sludge and solids.
- > **ViroPhos™** Reagent designed to remove phosphate from industrial wastewater and reduce sludge volume.
- > **ViroBond™** Reagent designed to remove CCA from runoff, wastewater and leachate ponds at timber preservation plants and immobilise CCA in waste solids, sludges and contaminated soil.
- > **ViroFresh™** Reagent designed to remove objectionable odours from industrial wastewater and processes.

### VIROSOIL™ TECHNOLOGY *Contaminated site remediation and soil treatment*



- > **ViroBind™** Reagent designed to immobilise heavy metals, volatile organic compounds, such as PCE, TCE and intractable hydrocarbon derivatives like BaP in contaminated soils. It remediates Acid Sulphate Soils (ASS) and marine clays, enhances nutrient retention capacity, and promotes plant growth.
- > **ViroGrow™** A soil additive used in agriculture, providing pH buffering and essential trace elements to promote plant growth.
- > **ViroBac™** Reagent designed to destroy volatile organic compounds and other intractable hydrocarbon derivatives, such as PCE, TCE and PAH in soil.

### VIROMINE™ TECHNOLOGY *Mining waste treatment and site remediation*



- > **Neutra B™** Reagent designed to treat mildly acidic (pH 6-8) water contaminated with heavy metals, particularly arsenic and selenium.
- > **Acid B™** Reagent designed to treat acidic (pH 4.5-6) water contaminated with heavy metals.
- > **Acid B Extra™** Reagent designed to treat highly acidic (pH<4.5) water contaminated with heavy metals.
- > **Terra B™** Reagent designed to treat sulphidic waste rock and soil.
- > **Alka B™** Reagent designed to treat alkaline (pH>7) water contaminated with heavy metals.

### VIROSEWAGE™ TECHNOLOGY *Municipal wastewater and biosolids treatment*



- > **ViroSewage™** Reagent designed to remove BOD, TSS, phosphorous, nitrogen, odours, heavy metals and algal and fungal blooms from liquid streams.
- > **ViroSolid™** Reagent designed to improve dewatering properties of sludge, reduce polymer usage, decrease moisture content in dewatered sludge and enhance re-use properties of sludge cake.
- > **ViroBlend™** Reagent designed to improve compost blends and retain nutrients (phosphorous, nitrogen, potassium) for horticulture and agriculture use.