

ACCELERITE®

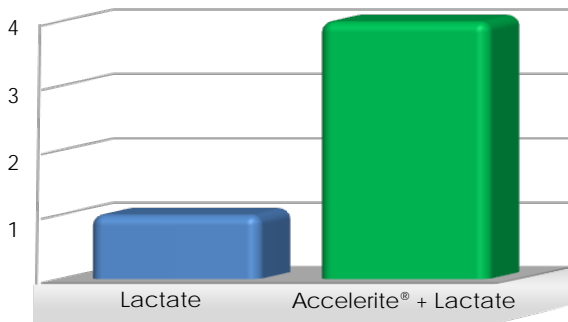
BIOREMEDIATION NUTRIENT

UNIQUE NUTRIENT FORMULATION INCREASES ELECTRON DONOR KINETICS AND EFFICIENCY

BENEFITS OF ACCELERITE® Accelerite® (patent-pending¹) is a formulation of growth factors, B-vitamins and micronutrients. Studies have shown that adding Accelerite® to your electron donor can:

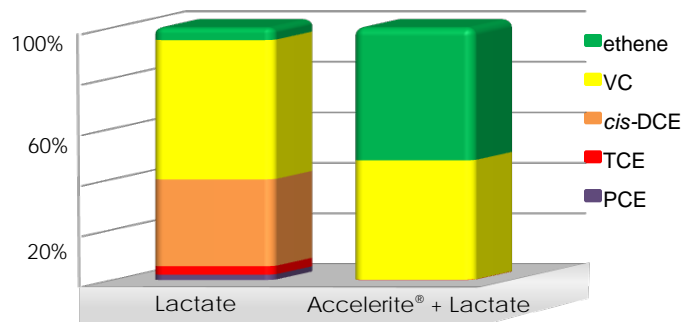
- ▶ Increase the kinetics and efficiency of your electron donor
- ▶ Stimulate anaerobic bacteria
- ▶ Promote the production of propionate over acetate

INCREASE ELECTRON DONOR EFFICIENCY WITH ACCELERITE®



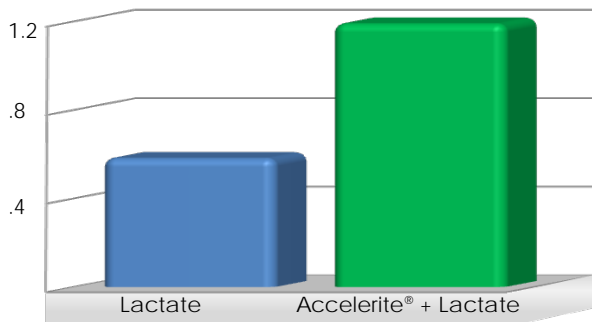
Accelerite® increases the efficiency of sodium lactate by greater than 3 times. Microcosm results shown at 84 days².

INCREASE DECHLORINATION KINETICS WITH ACCELERITE®



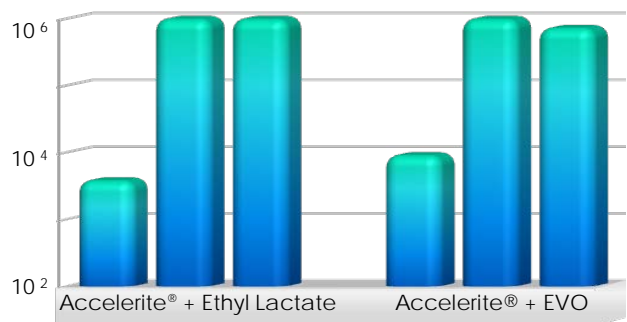
Accelerite® increases the rate of dechlorination to ethene. Microcosm results shown at 53 days².

INCREASE PROPIONATE:ACETATE RATIO WITH ACCELERITE®



Studies show that Accelerite® promotes the production of propionate over acetate. Microcosm data shown at 11 days.

INCREASE ANAEROBIC BACTERIAL POPULATIONS WITH ACCELERITE®



Field data shows that Accelerite® increases microbial biomass by greater than 2 times in just one week. PLFA data shown³.

¹United States Patent Application US20080227179

²Smith and Sieczkowski 2007. Ninth International In Situ and On-Site Bioremediation Symposium. ISBN 978-1-57477-161-9, Battelle, Columbus, OH

³Sieczkowski et al. 2008. Sixth International Conference on Remediation of Chlorinated and Recalcitrant Compounds. ISBN 1-57477-163-9, Battelle, Columbus, OH



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