

PRODUCT SPECIFICATION SHEET



PRODUCT:	HypoGrow™										
MANUFACTURER:	Blue Earth Products® 14580 West 99 th Street, Lenexa, KS 66215 Phone: 1.800.259.4472										
BENEFITS:	By adding HypoGrow to recirculating (and non-recirculating) hydroponic growing systems and irrigation lines operators observe the removal and prevention of deposits and biofilms resulting in reduction of root borne diseases, improved nutrient absorption, more efficient plant growth, healthier root development, cleaner recirculating systems, reduced equipment maintenance, reduced potential habitat for pathogens, and optimization of root zone performance.										
DESCRIPTION:	HypoGrow is a stable and proprietary hypochlorous acid that more effectively oxidizes certain organics present in distribution systems than other forms of chlorine. HypoGrow is used in a wide range of hydroponic growing activities from weekly root treatments to growing media cleanings. HypoGrow is non-hazardous.										
PROPERTIES:	<table><tr><td>Composition</td><td>Hypochlorous Acid (0.05%)</td></tr><tr><td>Weight</td><td>8.4 lbs. per gallon</td></tr><tr><td>Color</td><td>Colorless</td></tr><tr><td>Odor</td><td>Slight chlorine odor/odorless in treated water</td></tr><tr><td>pH</td><td>9.7</td></tr></table>	Composition	Hypochlorous Acid (0.05%)	Weight	8.4 lbs. per gallon	Color	Colorless	Odor	Slight chlorine odor/odorless in treated water	pH	9.7
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APPLICATION:	Weekly Reservoir Treatment: At cooler temps (below 65°F) Apply 2-3 ml HypoGrow per gallon of nutrient solution every week, at warmer temperatures (above 75°F) apply every day or every few days as needed. Nutrient Flush: Prior to draining older nutrient solutions, add 5-7mL of HypoGrow per gallon of water and continue to irrigate as normal for 12-24 hours, then drain away solution and mix new nutrient. Cloning /Propagation Aid: To assist with the cloning and propagation process, add 5-10mL of HypoGrow per gallon of water. Additionally, cuttings may be dipped or immersed in a solution of 25-30 ml of HypoGrow per gallon for 20-30 seconds prior to applying gels or rooting powders. Offline Reservoir/System Cleaner: Fill the system with a solution of 30mL of HypoGrow per gallon of water. Circulate for up to 24 hours then drain the reservoir/system. (Plants should not be in the system for this treatment). Used Media Cleaner: To assist in preparing media that is not excessively degraded or contaminated for reuse, soak overnight in a solution of 30mL of HypoGrow per gallon of water. This treatment is suitable for rockwool, clay pebbles, coconut fiber, and similar.										
STORAGE:	Store HypoGrow in opaque containers and avoid exposure to direct sunlight.										
DISPOSAL:	HypoGrow should be disposed of according to local, state and federal regulations.										
SAFETY:	HypoGrow is environmentally friendly. Always handle according to the Safety Data Sheet.										

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Blue Earth Products is a specialty chemical company with a full line of products specifically engineered to extend the operational life and efficiency of any water infrastructure by removing organic and inorganic contaminants.

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