

# PRODUCT SPECIFICATION SHEET



**PRODUCT:**

**Media Master® RR**

**MANUFACTURER:**

Blue Earth Products® 14580 West 99<sup>th</sup> Street, Lenexa, KS 66215 Phone: 1.800.259.4472

**BENEFITS:**

Treatment with Media Master RR is a fast, convenient, and economical method for in place filter media rehabilitation. Deposits are removed and the original surface structure of the filter media is restored. The results are better filtration performance and extended media lifetime.

**DESCRIPTION:**

Media Master RR is a dry formulation developed specifically for filter media rehabilitation. The product is used alone or in combination with Floran Catalyst®. Application of Media Master RR requires initial laboratory testing of the media (provided by Blue Earth Products) to determine the correct dosage of the product. Media Master RR is appropriate for applications where the rinse water will be recycled to the head of the treatment process and the distribution residual is free chlorine.

**PROPERTIES:**

Composition	Proprietary Dry Inorganic Acid Blend
Weight	> 80 lbs. /ft <sup>3</sup>
Color	White
Odor	Fresh to pungent odor
pH	<1 (5% aqueous solution)



Refer to SDS for more detailed information

**APPLICATION:**

Media Master RR granulate is spread across the top of the drained filters at 1-8 pounds per cubic foot of media to be treated. The product can be applied in its dry form or pumped on as slurry, prepared by adding water to the shipping drums. After spreading, the water level is raised to cover media surface one half to one gallon of Floran Catalyst per 7 cubic feet of media is then pumped or poured into the filter to initiate the reaction. The reaction is allowed to proceed for 12-24 hours, working downward into the media bed. The treatment is completed by thoroughly backwashing the filters, which are then ready to be returned to service.

**STORAGE:**

Media Master RR is stable as long as it is stored in a dry place.

**DISPOSAL:**

The runoff generated during the cleaning procedure can be discharged to the wastewater drain or sludge lagoon. Specific local disposal requirements may apply.

**BACKWASH RECYCLING:**

When diluted at a minimum of 500:1 with potable water, Media Master RR and Floran Catalyst can be recycled back to the beginning of the water treatment process. This does not constitute a recommendation or approval of any substances in the effluent stream other than the NSF authorized materials. Recycling of the backwash water can result in a temporary drop in free chlorine residual.

**SAFETY:**

Media Master RR is chlorine free and compatible with surfaces commonly used in filtration beds such as concrete, steel and fiberglass. Respiratory protection must be used to avoid exposure to fumes (organic vapors/acid gas) which can be generated during cleaning, depending on the water supply and type of contamination. Also, proper protective clothing must be worn to prevent skin exposure. The filter basins should not be entered during the reaction.

**NSF/ANSI:**

Standard 60 Certified

**WARNING:**

Handle all Blue Earth Products' Floran products according to Safety Data Sheets.

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Blue Earth Products is a 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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