

# PRODUCT SPECIFICATION SHEET



**PRODUCT:**

**Floran® Catalyst**

**MANUFACTURER:**

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

**BENEFITS:**

Floran Catalyst is an activator for liquid and granular Blue Earth Products' Floran products used to clean water treatment and storage facilities. The product greatly enhances the effectiveness of other Blue Earth Products' Floran products and helps remove heavy organic and inorganic surface deposits.

**DESCRIPTION:**

Floran Catalyst is a liquid product to be used in conjunction with Blue Earth Products' surface cleaning and filter media rehabilitation products for removing surface deposits from water treatment and storage facilities. It can also be used for removing deposits from the inside surfaces of water transmission pipelines. The product is designed for off-line use and is then flushed out before returning the system to normal operation.

**PROPERTIES:**

<b>Composition</b>	<b>Proprietary Peroxide Blend</b>
<b>Weight</b>	1.07 kg/L
<b>Color</b>	Clear
<b>Odor</b>	Odorless
<b>pH</b>	2.0-3.5



Refer to SDS for more detailed information

**APPLICATION:**

When used as an activator in conjunction with other liquid Floran products, Floran Catalyst is mixed at 1:5 to 1:10 ratio immediately before application. The mixture must be used immediately and leftover mixed product should be disposed of immediately after use to prevent heavy foaming and closed container explosion risk. For filter media treatment, Floran Catalyst is pumped into the filter at the dosage specified in the Filter Media Test Report. Please see filter treatment instructions for details. For pipeline cleaning, Floran Catalyst is applied at 0.1-0.3% (v/v) dilution in water to an isolated section of pipeline through a hydrant or chemical feeding port. For best results, the product should be dosed into the line using a metering pump until the section is filled. Allow 3-16 hours for complete chemical reaction, then flush the line to remove residual chemical residue and dislodged deposits. All system components can be returned to service after local disinfection requirements are satisfied.

**STORAGE:**

Floran Catalyst should be stored in a well-ventilated, freeze proof area designated for chemical storage. The product is stable for greater than one year when protected from heat and direct sunlight.

**DISPOSAL:**

After dilution, Floran Catalyst can be disposed into the sanitary sewer or a sludge lagoon. Specific local requirements apply if the runoff is diverted into the storm sewer.

**SAFETY:**

Floran Catalyst is NSF 60 certified for the cleaning of drinking water facilities. The product is chlorine free and moderately corrosive. Floran Catalyst is compatible with most surfaces. Use respiratory and spray protection gear during application. Consult and read SDS before using the product.

**NSF/ANSI:**

Standard 60 Certified – Pipe cleaning aid

**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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