



RemeTreat BNR 100

Nutrient Removal in
Waste Water Treatment

RemeTreat BNR 100 is used as carbon source in wastewater denitrification. It is easily metabolized by microbes to volatile fatty acids.



100%
Plant-derived



Non-hazardous



High Active

Importance of Nitrogen Removal



Nitrogen-rich surface water layers fuel algal blooms

Algal cells die and decompose

Decomposition lowers dissolved oxygen concentrations

Low dissolved oxygen stresses marine organisms



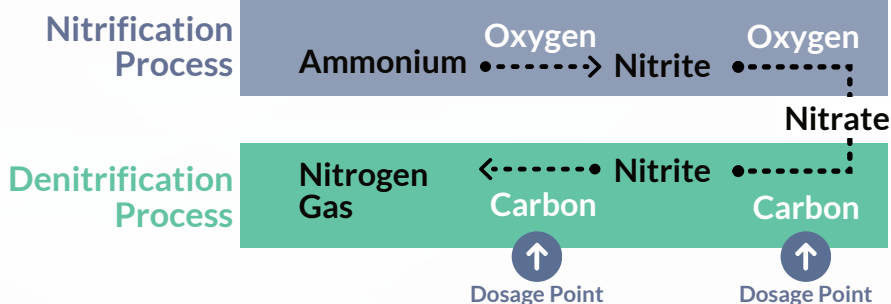
Solution

Denitrification Process

To regulate the nitrogen level in the effluent water.

RemeTreat BNR 100

Polyol | Carbon Source



Bio-based, biodegradable and non-hazardous



Enhances removal of nitrates



Potent wastewater energy recovery enhancer



Suitable for low temperature application



High flashpoint material; non-flammable easy to handle for storage



High product stability



Properties

Method of Analysis

Typical

Polyol Active	ASTM D 6584	80% min
pH	ASTM E70-07	4-9
Specific Gravity at 25°C	ASTM D891-09	1.20-1.28
Bulk Density (lbs/gal)	ASTM D891-09	10.01-10.68
Flash Point (°C)	ASTM D 93	250°C min
COD (mg/L)	ASTM D1252	1,160,000 min
Viscosity @ 25°C (cPs)	ASTM D4402	300 max.

Contact Us

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