



Water Remediation Products

Explore diverse environmental probiotics for water remediation, including sludge reduction, pathogen control, heavy metal detoxification, nitrate reduction, oil spill cleanup, algal bloom control, and odor elimination

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Sludge Reduction Probiotics

1. Bottom Sludge Removal - Aquaculture ponds, wastewater treatment plants, lakes, reservoirs, sewage systems, fish farming tanks, wetland areas, industrial effluent ponds, marine ecosystems, municipal lagoons
2. Organic Matter Decomposition - Landfills, composting units, sludge digesters, anaerobic digesters, sewage plants, agricultural runoff, industrial waste lagoons, organic waste facilities, septic systems, contaminated groundwater

Pathogen Control Probiotics

1. Bacteria Elimination - Drinking water systems, food processing plants, agricultural irrigation systems, hospitals, municipal water treatment plants, recreational water bodies, livestock farms, aquaculture ponds, water distribution pipelines, stormwater systems
2. Virus Suppression - Healthcare facilities, wastewater recycling plants, livestock wastewater systems, agricultural runoff ponds, fish farms, municipal water supplies, contaminated groundwater, food and beverage industries, biohazard waste systems, sewage plants

Heavy Metal Remediation Probiotics

1. Metal Ion Detoxification - Mining tailing ponds, industrial discharge sites, contaminated rivers, lakes, stormwater runoff, heavy metal-polluted soil, smelting operations, chemical plants, agricultural fields, municipal solid waste landfills, sediment removal systems
2. Bioaccumulation - Polluted wetlands, groundwater treatment plants, industrial waste treatment, coastal regions, river deltas, urban runoff, contaminated marine sediments, stormwater drainage, wastewater treatment facilities, industrial storage tanks

Nitrate and Nitrite Reduction Probiotics

1. Nitrogen Removal - Agricultural runoff, aquaculture tanks, fish ponds, wastewater treatment facilities, industrial effluents, stormwater runoff, nitrate-polluted rivers, lakes, marine environments, groundwater, water recycling systems

2. Denitrification - Wastewater lagoons, septic systems, sewage treatment plants, agricultural drainage ditches, constructed wetlands, aquaponic systems, reservoirs, aquaculture systems, anaerobic digesters, agricultural fields

Oil Spill Remediation Probiotics

1. Hydrocarbon Breakdown - Oil spills in oceans, rivers, industrial sites, oil-contaminated soil, coastal ecosystems, petroleum refineries, offshore drilling platforms, contaminated groundwater, ports and harbors, shipping channels
2. Oil Degradation - Marine oil spills, beaches, estuaries, wetlands, oil refinery wastewater, stormwater drainage systems, polluted aquifers, oil production facilities, contaminated soil near pipelines, gas stations, petroleum storage facilities

Algal Bloom Control Probiotics

1. Phosphate Removal - Lakes, reservoirs, ponds, agricultural runoff zones, aquaculture systems, wetlands, water recycling systems, municipal water sources, recreational water bodies, drinking water reservoirs, stormwater retention ponds
2. Algae Suppression - Aquaculture ponds, lakes, reservoirs, rivers, recreational water bodies, stormwater ponds, sewage treatment lagoons, irrigation canals, water fountains, fish hatcheries

Odor Control Probiotics

1. Sulfur Compound Breakdown - Wastewater treatment plants, sewage systems, landfill sites, industrial waste lagoons, food processing plants, slaughterhouses, composting units, septic tanks, stormwater drains, biogas plants
2. Organic Odor Neutralization - Livestock farms, poultry farms, composting facilities, municipal waste treatment, food waste treatment plants, landfill gas systems, waste lagoons, anaerobic digesters, slaughterhouses, recycling plants