



MINING

DUSTREADY 400 SERIES

Make Water Work Harder on Haul Roads

Water extender engineered for high-demand mining operations.

- Mining Haul Roads • Access Roads • Quarries & Gravel Pits • High-Traffic Industrial Corridors

Why Water Extenders Matter

DustReady 400 Series water extenders are specifically engineered for mining environments, including massive haul roads, quarries, and gravel operations. By enhancing water performance at the source, it extends dust control effectiveness, reduces application frequency, and significantly lowers overall operating costs, without the use of chlorides.

How It Works

DustReady 400 Series water extenders are applied at just 200-500 ppm through standard watering trucks, improving water retention and surface binding and surface binding, delivering longer-lasting dust control with fewer passes.

Lower PM₁₀ & PM_{2.5} Exposure



MSHA Final Rule: Respirable Crystalline Silica

In 2024, MSHA established a uniform exposure limit of 50 µg/m³ (PEL) with an action level of 25 µg/m³. EnviroTech's solutions help mine operators control dust at its source, reducing airborne particulate levels and supporting compliance while improving operational efficiency.

Sustainability & ESG Benefits

Featuring **DustReady 400 Series** Water Extenders

DustReady 400 Series water extenders are engineered to support both operational performance and environmental responsibility.

By significantly extending the effectiveness of each watering cycle, operations can reduce water demand, lower fuel consumption, and decrease greenhouse gas emissions associated with water truck operation.







These improvements help mining companies support ESG and sustainability initiatives, conserve valuable water resources, and demonstrate responsible environmental management while maintaining effective dust control across high-traffic haul roads.



TOTAL MINING SOLUTIONS

REAL-WORLD IMPACT

Per 1 Mile of 60' Haul Road

WITHOUT TREATMENT Traditional Watering		WITH DUSTREADY 400 Series Water Extender Solution
10+ watering cycles per day	 WATERING CYCLES PER DAY	50% + reduction Fewer cycles per day
70,000 gallons of water per day	 WATER USE PER DAY	35,000 gallons + savings of water per day (50% or more reduction)
2,100,000 GALLONS of water per month	 WATER USE PER MONTH	1,050,000 gallons + savings per month (50% or more reduction)
 10+ per day	 TRUCK MILES REQUIRED	 20 + miles less



BIG IMPACT:

**50% OR MORE REDUCTION
IN WATER USE, CYCLES,
AND TRUCK PASSES**



**40% + WATERING PROGRAM
COST REDUCTION**

The Results

A smarter dust control strategy that reduces water demand, lowers operating costs, and improves sustainability, without compromising performance.



Water Extender Savings

- Water
- Fuel
- Labor
- Maintenance
- Risk Reduction

Operational Cost Savings

Reducing watering frequency directly impacts total operating costs:

- Lower fuel consumption
- Optimized equipment runtime
- Decreased tire wear and maintenance
- Fewer labor hours required
- Reduced emissions
- Improved operational efficiency

Estimated total watering program cost reduction: **40% or more**

EnviroTech's products are engineered for heavy-duty mining demands, delivering long-lasting performance while lowering operational costs and helping you meet ESG targets.

