

EcoLine® AL-Corr™

DESCRIPTION

A corrosion inhibitor for aluminum agricultural irrigation pipes, EcoLine® AL-Corr™ is designed to provide protection while the irrigation system is in use, as well as during times of intermittent irrigation water flow. It is formulated with biodegradable materials that are approved for use in personal care products and food preservation.

PACKAGING & STORAGE

EcoLine® AL-Corr™ is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, liquid totes, and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

WATER TREATMENT SOLUTIONS



FEATURES

- Readily water-soluble
- Effective at low dosages
- Contains no phosphates or nitrites
- Formulated with renewable raw material
- Formulated with ingredients approved for personal care products and for food packaging materials
- Contains 81% USDA certified biobased content
- Contains a PTSA tracer for concentration monitoring

BENEFITS

- Protects internal surface of aluminum irrigation pipes from corrosion
- Reduces corrosion rate by more than 90% in immersion conditions

APPLICATION

Add to irrigation water at a dose rate of 250–500 ppm.

TYPICAL PROPERTIES

Appearance	Yellow Viscous Liquid
Density	8.3-8.7 lb/gal (0.99-1.04 kg/L)
pH	7-8

EcoLine® AL-Corr™

TEST RESULTS

ASTM G 31 Immersion (104 °F [40 °C], 5 Weeks)			
Dosage	Corrosion Rate (MPY)	% Protection	Alloy
0 ppm	6.67	NA	AL 3003
250 ppm	0.59	91.18%	AL 3003
0 ppm	6.47	NA	AL 1100
250 ppm	0.06	99.03%	AL 1100

PTSA TRACER DETECTION	
EcoLine® AL-Corr™ Concentration	PTSA Contribution
250 ppm	75 ppb
500 ppm	180 ppb

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