MicroC® 3000

PRODUCT INFORMATION

MicroC® 3000 is a cost effective and environmentally sustainable alternative to methanol. This "green" methanol is produced using renewable agricultural inputs and also has kinetic advantages versus methanol.

MicroC® 3000 can be applied as a direct substitute to methanol in municipal and industrial wastewater facilities seeking to reduce cost and improve the performance and environmental sustainability of their operations.

cost effectiveness

- Best value among flammable products
- Pricing below methanol on a $/lb N removed basis for most locations
- Flexible pricing options available; spot or long term (fixed or indexed)

performance advantages

- Enhanced kinetics due to ethanol and propanol content
- Lower risk of denitrifier washout
- Faster startup and recovery
- Higher denitrification rates

environmentally sustainable

- Green methanol; derived using agricultural feedstock versus natural gas
- Lower Greenhouse Gas (GHG) footprint
- Produced in the United States (most methanol is imported)

validated performance

- Full scale case studies available
- References available
- Fixed film biological processes (i.e. denitrification filters)
- Startup/acclimation dynamics
- Cold weather performance

technical services

- Application guidance from team of BNR/contaminant removal experts
- Dedicated support to ensure achievement of contaminant removal goals

packaging

- Bulk (up to 6,800 gallons)

EOSi Empowering Clean Water®

TECHNICAL SPECIFICATIONS

property	specifications	typical value	test method
Specific Gravity at 20°C	0.75-0.90	0.84	ASTM D 891
Bulk Density (lbs/gal)	6.25-7.50	7.00	ASTM D 1298
Viscosity (cPs) at 20°C	10, max	0	ASTM D 2196
Flash Point	20°C	20°C	ASTM D 93
Solubility	100%, min	100%	ASTM E1148
COD (mg/L)	1,000,000, min	1,150,000	ASTM D 1252
Methyl Alcohol	80%, max	60%	GC-FID
Ethyl Alcohol	25%, max	10%	GC-FID
Water	25%, max	20%	ASTM E 203
Other Alcohols	30%, max	10%	GC-FID

USDA CERTIFIED BIOBASED PRODUCT