



eco-flo

FEATURES & BENEFITS

- ▶ Biodegradable product
- ▶ Compatible with existing systems
- ▶ Protection of ferrous and non-ferrous metals
- ▶ Precise dosage control by fluorometry
- ▶ Immediate visual leak detection
- ▶ Integrated corrosion protection
- ▶ Simple use in closed-loop systems
- ▶ Free of heavy metals, nitrites, and phosphorus
- ▶ Non-foaming and bacteriostatic
- ▶ Non-toxic to aquatic organisms
- ▶ Reduction of oxidation phenomena
- ▶ Extended equipment service life
- ▶ Safe for users

BCL FLUO

Biodegradable corrosion inhibitor for closed-loop water systems

BCL FLUO is an all-organic corrosion inhibitor designed to protect and passivate piping in closed-loop water systems against all types of corrosion. It contains no phosphorus, molybdates, or nitrites and is non-toxic to the environment. BCL FLUO has been shown to reduce the corrosion rate of steel to values < 0.2 MPY (mils per year) and < 0.05 MPY on copper in closed-loop water systems. The dosage of **BCL FLUO** depends on the characteristics of fill water (hardness, conductivity, overall water quality).

Water quality

Softened / demineralized water
Main (tap) water
Mineralized or heavily loaded water

Recommended dosage

1500 ppm
1800 to 2000 ppm
Consult your technical representative

Monitoring and measurement method:

Please refer to the fluorometric analysis method: EF-1000.



WATER TREATMENT

BCL FLUO

Biodegradable corrosion inhibitor for closed-loop water systems

Appearance	Clear, yellow fluorescent liquid
Odour	Azole
Specific gravity @ 20°C	1.04-1.06
Viscosity	Not available
pH	10.0 - 10.5
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Boiling point	~ 100°C
Freezing point	~ 0°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Fluorometric analysis EF-1000
Rinsing	Excellent

INCOMPATIBILITY

Strong oxidizers and acids

WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place.

AVAILABLE SIZES

		
21Kg	215Kg	1050Kg



FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician if irritation persists.

Skin contact

Rinse skin with water.

Inhalation

Not required

Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

PERSONAL PROTECTION



WHMIS



Refer to the product Safety Data Sheet (SDS) for all properties.