



BCL SILI

Corrosion inhibitor for closed-loop water systems

FEATURES & BENEFITS

- ▶ Compatible with most materials commonly found in closed-loop systems
- ▶ Effective in soft water or with normal to moderately hard characteristics
- ▶ Extends the service life of installations
- ▶ Low environmental impact
- ▶ Contains no nitrites, phosphates or heavy metals
- ▶ Multi-metal protection
- ▶ Non-toxic and easy to handle
- ▶ Economical

BCL SILI is a corrosion inhibitor formulated to protect closed water systems, including heating and cooling loops. Its silicate-based formula, combined with an azole blend, provides long-lasting corrosion protection for ferrous and non-ferrous metals. Silicates form a passivating protective film on metal surfaces, helping to limit steel oxidation. Azole additives provide specific protection for yellow metals, such as copper, by creating a stable protective layer.

Direction for use:

Inject the product directly into the circuit.

The dosage of **BCL SILI** depends on the characteristics of fill water (hardness, conductivity, overall water quality).



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Corrosion inhibitor for closed-loop water systems

Appearance	Clear, yellowish liquid
Odour	Light
Specific gravity @ 20°C	1.26-1.27
Viscosity	<10 cps
pH	12.5 - 13.0
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Boiling point	100°C
Freezing point	-4°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Silicate SiO ₂ value
Rinsing	Excellent

INCOMPATIBILITY

Acids

WAREHOUSING PRECAUTIONS

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

AVAILABLE SIZES

		
25Kg	260Kg	

FIRST AID MEASURES

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

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.