



KEMION
BANG & BONSONER

Environmentally friendly heat transfer and corrosion protection solutions for ice rinks and cold facilities





Heat transfer

We provide heat transfer fluids for ice rinks and arenas, artificial ice tracks, and industrial cooling systems.

Kemion's environmentally friendly **Eco-Cooler** is an excellent solution for efficient cooling and heat transfer. The product's thermal performance is excellent especially at low operating temperatures. Eco-Cooler contains Koresto F, a next-generation corrosion inhibitor developed by Kemion. Its purpose is to protect the metals within the heat transfer system from corrosion and to prevent the buildup of impurities on internal surfaces.

If released into the soil, Eco-Cooler is fully biodegradable and is considered one of the best options even for environmentally sensitive areas, such as groundwater zones.

Eco-Cooler - benefits

- Low viscosity even at low temperatures
- Good thermal conductivity
- High specific heat capacity
- Classified as non-hazardous and non-flammable
- 100% biodegradable if released into the environment
- Suitable for use even in extremely cold conditions (freezing point -50 °C)



Corrosion protection

Koresto F is an environmentally friendly and safe corrosion inhibitor additive developed by Kemion for various water-based working solutions. Based on extensive experience and testing, the product is well-suited for use in heat transfer fluids, cooling solutions, and metalworking fluids.

Koresto - benefits

- Suitable for various water-based heat transfer and cooling systems
- Effectively and comprehensively protects materials and components used in the systems
- Environmentally friendly and safe to use
- Based on Kemion's long-standing experience and proven product formulation
- Typical applications include heat transfer fluids, cooling solutions, and metalworking fluids

R&D

We offer a broad range of expert and consulting services for application areas such as de-icing and ice melting, dust binding agent solutions, corrosion control, and heat-transfer and refrigeration technology.

We enjoy working closely with our customers to tackle these challenges and deliver effective, hands-on solutions.





Kemion Oy

Kemion Oy is a Finnish chemical company, owned by Bang & Bonsomer Group, that develops and manufactures environmentally friendly solutions for de-icing, ice melting and dust control applications. We focus on sustainable and safe solutions for the environment, providing an effective alternative to traditional road salt. Our goal is to be a leader and promote sustainable development through our operations.

We leverage our extensive practical experience to continuously improve our products and services. We are committed to working closely with customers to develop tailored solutions for various requirements and applications. We are an ISO 9001 and ISO 14001 certified company.



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Aurinkokuja 5, 33420 Ylöjärvi, Finland
tel. +358 50 5252 638
kemion@kemion.fi
www.kemion.fi