KEMION
BANG & BONSOMER

Eco-friendly de-icing and dust binding products for urban maintenance





De-icing and ice melting

Kemion's widely used liquid and solid **Eco-Melter** de-icing and ice melting agents are effective for proactive de-icing (anti-icing) as well as reactive ice and snow melting. Designed for demanding winter conditions, these products are environmentally sustainable and quickly biodegradable in soil, making them suitable for use in sensitive areas such as groundwater areas. They are skin-friendly, and have minimal impact on materials.

Eco-Melter products are completely chloride-free, with a slightly alkaline pH. As a result, their natural corrosive effect on metals and concrete is significantly lower compared to traditional salts.

Benefits of Eco-Melter product family

- 100% biodegradable
- Skin-friendly
- Designed to perform optimally in Finland's variable winter conditions
- Low corrosion and material impact
- Compatible with existing equipment and machinery



We recommend following products

Eco-Melter LBW is specially designed for cycle paths and pedestrian walkways. The solution is skin-friendly and gentle on surfaces and materials. The product is biodegradable and does not accumulate in the environment.

Eco-Melter S is a biodegradable ice melting granule that provides an effective and long-lasting solution for a wide range of applications. Suitable for use in groundwater areas.

Eco-Melter CHIPS is a wood chip product infused with a 100% biodegradable de-icing agent. It is an excellent alternative to traditional grit or sand on pedestrian walkways and cycle paths. Suitable for use in groundwater areas.



Dust binding

Health-hazardous street dust can be effectively controlled with Kemion's **Eco-Binder** products. These effective solutions significantly reduce dusting and improve air quality in urban areas.

Eco-Binder products, used in many municipalities, are fully biodegradable, making them suitable for use in sensitive natural areas. Due to their biodegradability, Eco-Binder products do not accumulate in the soil, waterways, or groundwater like chloride-based products. They are ideal for areas where the negative effects of salting need to be minimized. With their high frost resistance, these products can be safely used as early as the beginning of spring during nighttime frosts.

Kemion's biopolymer-based **Bio-Binder** products offer an excellent solution for dust control on unpaved roads, pathways, and construction sites.

Benefits of Eco-Binder product family

- 100% biodegradable
- Designed to perform optimally in variable winter conditions
- Can be used during night frosts
- Low corrosion and material impact
- Compatible with existing equipment and machinery



We recommend following products

Eco-Binder F is an effective dust binding solution suitable for a wide range of applications as an alternative to traditional chloride-based salts. The product does not cause chemical slipperiness and is suitable for use in groundwater areas.

The Bio-Binder product range consists of biopolymer-based dust binding solutions. The products are particularly well suited for dust control on unpaved roads, construction sites and other worksite areas. In addition, the product range includes solutions for winter dust control.



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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