

Clearway® F1

Your eco-friendly de-icer

Eastman's Clearway® de-icer is one of the acknowledged leaders in airport runway de-icing, and the product range has been developed and expanded to include both liquid and solid formate-based and acetate-based products.

Making takeoffs and landings safe

Eastman has production facilities strategically located across Europe that work to very high safety standards, allowing us to offer our customers enhanced security of supply as well as faster and more reliable deliveries. We aim to maintain a consistent and high level of product quality with a superior standard of quality control.

Clearway de-icers are well-known in the industry and are highly effective in various winter conditions while being compliant with the latest technical and environmental standards (e.g., AMS). With 24/7 customer service for all products and expert technical support, we are ready to help our customers keep their operations continuously running smoothly.

Clearway F1

Based on a formulation of potassium formate and corrosion inhibitors, Clearway F1 is an effective de-icer for airport runways, taxiways, and aprons. It has a moderately corrosive effect on zinc, galvanized material, and soft solders. We recommend painting or otherwise protecting such items or replacing them with compatible materials.

Benefits of Clearway F1:

- Low heavy metal content
- No organic impurities
- Inherently degradable
- Has low chemical oxygen (COD) and biological oxygen demand (BOD)
- Free of triazole
- Tested on common runway and taxiway asphalts



Properties of Clearway F1

Active ingredient	Potassium formate
Appearance	Clear liquid
Assay	Min. 50% active material
Freezing point	Less than -50°C
pH	10.5–11.5
Density/20°C	1.33–1.35 g/cm ³
Viscosity/0°C	5 mPa·s max



The product meets not only all relevant environmental and ecological requirements but also the AMS 1435 standard. Clearway F1 is classified WGK1,* both for its excellent biodegradability and because of its low aquatic toxicity. Thanks to these properties, this liquid de-icing solution carries the Blaue Engel ('Blue Angel') ecolabel.

**WGK is a German method of classifying chemicals into three (1–3) water hazard classes. Following several tests, the Clearway products have been classified as Class 1: low hazard to waters.*

For Clearway product enquiries, contact clearway@eastman.com.

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