

Isomex 1

De-icer Range

Use

Isomex 1 is a chloride free liquid de-icer used for ice control where chloride corrosion is an issue such as airports, bridges, roads, elevated re-inforced structures and industrial applications.

Formulation

Isomex 1 is a non-corrosive potassium acetate formulation.

Pack Size

10, 20, 1000 litres

Bulk supply

Function of Isomex 1

Isomex 1 is a non-corrosive de-icer with a low biological oxygen demand (BOD) and chemical oxygen demand (COD) making it less harmful to the environment. It produces no toxic ammonia on breakdown and effectively supersedes solid urea and glycol used in traditional de-icing and is non-hazardous to operators.

- **Simple to Handle:** Isomex 1 is super-concentrated and applied undiluted.
- **Non-Corrosive:** Traditional deicers contain a high level of salt and chloride which is corrosive and damaging to both infrastructure and the environment. In comparison, Isomex 1 is non-corrosive, chloride free and is a free flowing liquid for excellent coverage.
- **Lower Temperatures:** Isomex 1 maintains effective ice control to lower temperatures than salt, remaining active down to temperatures as low as -50°C.
- **Fast Acting:** Isomex 1 rapidly penetrates the snowpack or ice and quickly breaks the bond between the ice and the surface, allowing easy removal by brushing and shovelling. Any residual product that remains on the surface will inhibit further ice formation.
- **To Prevent Ice Formation:** Isomex 1 can be applied before a frost. This will prevent ice formation for 24-48 hours unless washed from the treated surface.





◆ Isomex 1 Certification

- SAE AMS 1435E

◆ Isomex 1 Approvals

- Lufthansa
- DERA
- AMIL
- BAA 14-Point Spec
- UK Environmental Agency
- SMI Inc

◆ Application of Isomex 1

Application of Isomex 1 is a straightforward process. Load straight from the storage into your choice of applicator, and apply following the application rates stated below:

Anti-Icing

Stage	Application Rate	
	ml/m ²	g/m ²
Ice Forecast	14	18
Freezing Rain Forecast	20	26

De-icing

Depth of Ice and Snow Pack	Application Rate					
	0 to -7°C		-7°C to -12°C		Below -12°C	
	ml/m ²	g/m ²	ml/m ²	g/m ²	ml/m ²	g/m ²
Black Ice	35	45	51	65	70	90
< 12mm	38	50	51	65	70	90
12-25mm	50	65	70	90	124	160
25-50mm	70	90	109	140	241	310
50-75mm	152	195	202	260	389	500