

Proviron[®]

Industries nv

To	Premier Deicers	From	Frederic Versavel
Attn	Paul Smith	Phone	
Date	07/07/2014	Pages	2
Subject	Provifrost KA ECO		

To whom it my concern,

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Proviron, one of the worldwide leading companies in de-icing technology, has developed and commercially launched an improved environmental friendly runway de-icing fluid, Provifrost[®] KA ECO.

Proviron has done years of research and R&D work in order to obtain one of the best environmental friendly de-icers in the worldwide aviation industry.

Provifrost[®] KA ECO is phosphate, chloride, nitrate, nitrite free and does not contain azole type molecules like triazoles or benzodiazole, so less eco-toxic. It is safe for the environment, especially aquatic life, is non-persistent and readily biodegradable.

Provifrost[®] KA ECO is a 50% aqueous potassium acetate solution, by weight, containing >49% water and <1% corrosion inhibitors. Due to confidentiality reasons Proviron is legally not allowed to share information on the corrosion inhibitors. The corrosion inhibitors are non-dangerous and amongst the most environmental friendly in the world.

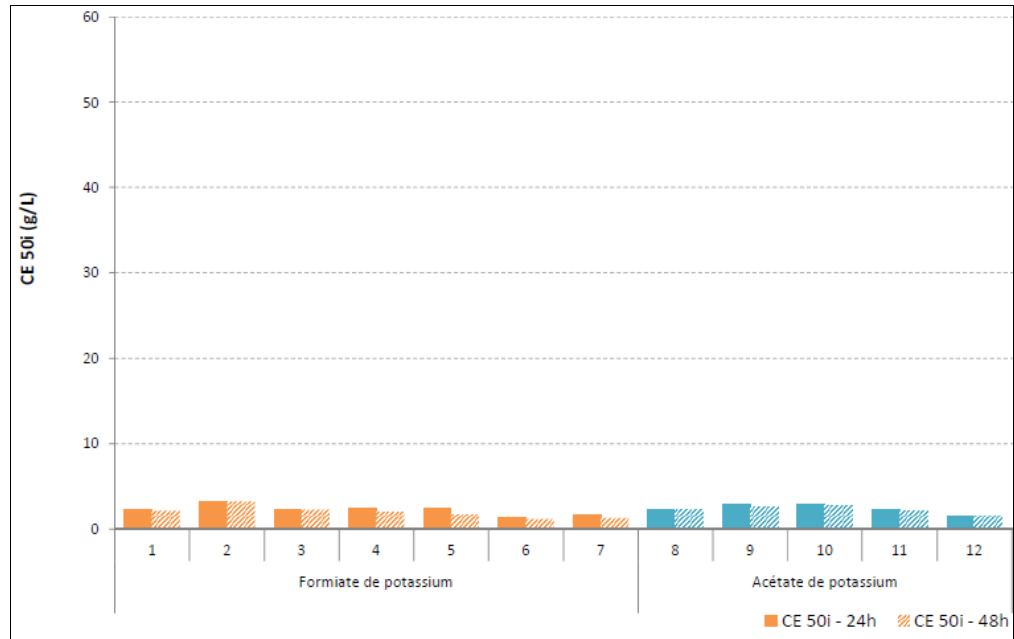
Provifrost KA ECO(127-08-2)	
LC50 fishes 1	> 500 mg/l (96h, Danio rerio, test limit)
LC50 other aquatic organisms 1	> 1000 mg/l (48h, Daphnia magna, test limit)
EC50 other aquatic organisms 1	> 500 mg/l (72h, Pseudokirchneriella subcapitata, test limit)

An independent French lab has analysed all de-icers in Europe. Provifrost[®] KA ECO had the best environmental results of all potassium acetate de-icers (n°12 in the graph):

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As a leader in de-icing technology, Proviron is continuously developing, optimizing and innovating its de-icing products from a performance and environmental point of view.

Best Regards,

Frederic Versavel
Business Manager De-icing Solutions
Proviron