



SPUR
ENTERPRISES

**WINTER
SERVICE
SOLUTIONS**

**Innovative Winter Maintenance
Products and Services**

PATHWAY KA

Low Temperature, Low Corrosion, Fast Acting Liquid Anti-Icer



PATHWAY KA is a corrosion inhibited liquid potassium acetate deicer based on airport technology but formulated for spray application on pedestrian areas, corrosion sensitive elevated structures, multi-storey car parks, railway platforms and cycleways.

PATHWAY KA is active immediately and can be applied well in advance of snowfall without any loss of effectiveness in preventing snow or ice bonding to the pavement surface.

PATHWAY KA has an effective temperature well below -25 degrees centigrade and will be active long after salt based products have stopped working. By lowering the freezing point fewer freeze/thaw cycles are experienced so reducing concrete/asphalt damage.

PATHWAY KA has a very low BOD and is non-persistent giving minimal environmental impact. It leaves no dirty residues and will not corrode cycles, application equipment or infrastructure and has lower electrical conductivity than chloride based products making it ideal for use on railway platforms.

PATHWAY KA is non-toxic and will not harm ground water systems, trees, shrubs, lawns or animals. Unlike salt it will not damage soil structure.

APPLICATION

PATHWAY KA is delivered ready for use and should not be diluted or mixed with other de-icers.

Apply in advance of freezing temperatures with mobile spray (as used for fertiliser or weed killers). For smaller pedestrian areas a backpack sprayer may be suitable. It may also be applied through fixed installation spray systems.

Designed as a proactive anti-icer to prevent bonding of ice or snow **PATHWAY KA** should be applied at 15ml/m² before frost or snowfall. Higher application rates or re-application may be required on the rare occasions when temperature fall below -10 deg C or in conditions of freezing rain. Plough or sweep to remove accumulations of snow and reapply.

SPECIFICATIONS

Composition	Aqueous potassium acetate solution with corrosion inhibitors. Contains no nitrites, nitrates, dyes or agricultural by-products
Appearance	Clear, colourless mobile liquid, free from matter in suspension
Viscosity	10cp maximum (20 deg C) 20cp maximum (0 deg C)
Flashpoint	Non flammable
Freezing Point	Below -30 deg C
Miscibility	Completely miscible with water
pH	Typically 10.5 – 11.5
Packaging	20 or 1000 litre containers

STORAGE

Store in clean containers away from direct heat and strong oxidizing agents. Do not store or handle in systems that have galvanised, zinc or brass components.

HANDLING

Avoid contact with skin or eyes. Avoid breathing mist when spraying. This product is mildly irritating to the eyes.

ECOLOGICAL INFORMATION

Biodegradability	>85% in 5 days
Chemical Oxygen Demand	0.25g O ₂ /g deicer
Biological Oxygen Demand	0.20g O ₂ /g deicer

PATHWAY KA is classed as generally not water endangering.

