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Material Compatibility Potassium Acetate Runway Deicer Peak PA

Equipment Considerations

Pumps: Stainless steel is preferred. Avoid brass, cast aluminum, & cast iron.

Pipes: Stainless steel, carbon steel, PVC, polyethylene and some rubbers are acceptable. Avoid galvanized metal. Avoid threaded joints or use high quality pipe thread sealants.

Seals: Preferred are butyl rubber, EPM, EPDM, and isoprene. Avoid polyurethane, polyacrylate, fluorosilicon, fluorcarbon rubber, and silicon rubber.

Tanks: Stainless steel, fiberglass, or polyethylene are best. If using carbon or ally steel tanks, please be sure containers are clean and rust-free. Be aware that the density of potassium acetate is significantly higher than water so tank integrity should be strong enough to hold the liquid.

Compatibility with Electrical Components

Liquid acetates, in general, are more conductive than water. Potassium acetate, Peak PA runway deicing fluid is included. To prevent potassium acetate from entering subsurface electrical components please use proper precautions. Note: Peak PA is not compatible with galvanized materials.

Sprayer equipment

It is recommended that equipment surfaces exposed to potassium acetate be routinely rinsed with warm water to prevent a build-up of dried-out material. It could form blockage to the nozzles if not properly maintained. It may also cause staining/corrosion to areas not rinsed.

Keep Peak PA in a closed airtight container when storing for long periods of time.