

# GEN3 6-4

**GEN3 6-4** is the third generation of runway de-icing fluids, a unique patented combination of non-toxic freeze point depressants. It is proven at airports worldwide to give exceptional de-icing and holdover performance, opening runways faster and keeping them operational for longer. In addition **GEN3 6-4** significantly reduces the high costs of corrosion to GSE and aircraft. **GEN3 6-4** meets FAA's current **SAE AMS1435E** specifications.

## TYPICAL PROPERTIES

|                                                         |                                          |
|---------------------------------------------------------|------------------------------------------|
| Active Ingredients                                      | Potassium acetate based                  |
| pH, as is                                               | 10–11                                    |
| Specific Gravity @ 60°F (15°C)                          | 1.24–1.27                                |
| Density, lbs/gal @ 68°F (20°C)                          | 10.43                                    |
| Appearance                                              | Clear or blue liquid                     |
| Odor                                                    | Odorless                                 |
| Water Miscibility                                       | Complete                                 |
| Freezing Point                                          | -54°F (-47°C)                            |
| Effective to                                            | -20°F (-29°C)                            |
| BOD (5 day), g O <sub>2</sub> /g of fluid @ 68°F (20°C) | 0.30                                     |
| COD g O <sub>2</sub> /g of fluid @ 68°F (20°C)          | 0.60                                     |
| Flash Point                                             | Non-flammable, no flash at 212°F (100°C) |

| Temperature °C | Viscosity cPs (centipoise) |
|----------------|----------------------------|
| 20             | 20                         |
| 10             | 30                         |
| 0              | 58                         |
| -10            | 118                        |
| -20            | 262                        |



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