

# FIRST DEFENSE LIQUID DE-ICER

**REN05104-OS  
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**Features:**

- Effective to -15° F
- Non-chloride De-icer
- Bio-degradable
- Ideal solution for hospital helicopter pads

**Performance:**

**Renown's First Defense Liquid De-Icer** is a powerful, non-chloride, bio-degradable, potassium acetate based, liquid de-icer. It is more effective than any other currently utilized liquid de-icing technology.

**Non-Corrosive:**

Most de-icers contain chlorides which can attack steel rebar in concrete, metal doorframes or sensitive helicopter machinery. **First Defense** is non-corrosive and chloride free making it an effective alternative for bridges, parking decks, helicopter landing pads and other corrosion sensitive areas.

**Safe for Concrete and Vegetation:**

**Renown's First Defense Liquid De-Icer** is chloride free and bio-degradable. Its use will not harm plants and vegetation when used according to label instructions nor contribute to water runoff concerns. **First Defense** will bio-degrade 50-80 percent within five days. Complete biodegradation will occur within weeks.

**Clear Liquid Eliminates Tracking:**

**Renown's First Defense Liquid De-Icer** is a clear, high performance de-icer effective for treating sidewalks and entry-ways to eliminate tracking and other housekeeping issues inside a facility.

**DIRECTIONS:**

Plow or shovel snow accumulations prior to applying product. On cleared surface apply 1 gallon per 1000 square feet. Application rates may vary based on conditions. Apply 1 - 2 hours prior to snow fall. If snow fall is expected during evening, product can be applied at dusk to aid in the removal of snow in the morning.

**TECHNICAL INFORMATION:**

|                       |   |
|-----------------------|---|
| Effective Temperature | -15°F (-26°C)                                 |
| Composition           | Potassium Acetate<br>plus corrosion inhibitor |
| Color                 | Clear   |
| Flashpoint            | Non-flammable                                 |
| Freezing Point        | Less than -58°F (-50°C)                       |
| Packages Available    | 5gal / 55gal                                  |

