



## PRODUCT SPECIFICATION

| PRODUCT INFO         |                                                                    |            |           |
|----------------------|--------------------------------------------------------------------|------------|-----------|
| Product Name         | Apogee                                                             | Product ID | ETS-1221  |
| Product Application  | Anti-icing, deicing, pre-wetting. Non-Chloride. USDA BioPreferred. |            |           |
| CHEMICAL PROPERTIES  |                                                                    |            |           |
| Chemical Constituent | Typical Analysis (%)                                               |            | Range (%) |
| % Solids             | 62.7                                                               |            | 61.5-63.5 |

## Typical Analysis

| GENERAL SPECIFICATIONS |                      |             |                      |
|------------------------|----------------------|-------------|----------------------|
| Constituent            | Detected Level (ppm) | Constituent | Detected Level (ppm) |
| Arsenic                | ≤ 5.00               | Barium      | ≤ 100.00             |
| Cadmium                | ≤ 0.20               | Chromium    | ≤ 1.00               |
| Copper                 | ≤ 1.00               | Lead        | ≤ 1.00               |
| Mercury                | ≤ 0.05               | Selenium    | ≤ 5.00               |
| Zinc                   | ≤ 10.00              | Phosphorus  | ≤ 2500.00            |
| Cyanide                | ≤ 0.20               | Molybdenum  | ≤ 15.00              |

| PRODUCT TESTING                                        |                     |
|--------------------------------------------------------|---------------------|
| TEST DESCRIPTION                                       | TEST RESULTS        |
| Form, Color, Odor                                      | Liquid, Green, Mild |
| Specific Gravity (g/mls @ 20 °C)                       | 1.166-1.186         |
| Density (lbs/gal @ 20 °C)                              | 9.730-9.897         |
| pH (Clear Roads Test Method 4 @ 20 °C)                 | 6.0-9.0             |
| Corrosion Rate (NACE Standard TM0169-95, PNS Modified) | ≤ 20.0              |