

## Ammonium Polyphosphate 11-37-0

### CHEMICAL ANALYSIS

| Component       | Units                                    | Minimum | Maximum | Typical |
|-----------------|--|---------|---------|---------|
| Total Nitrogen  | wt. % N                                  | 11.0    |         | 11.2    |
| Total Phosphate | wt. % P <sub>2</sub> O <sub>5</sub>      | 37.0    |         | 37.2    |
| Polyphosphate   | % of Total P <sub>2</sub> O <sub>5</sub> |         |         | 69.3    |
| Aluminum        | wt. % Al <sub>2</sub> O <sub>3</sub>     |         |         | 0.8     |
| Calcium         | wt. % CaO                                |         |         | 0.03    |
| Fluoride        | wt. % F                                  |         |         | 0.1     |
| Iron            | wt. % Fe <sub>2</sub> O <sub>3</sub>     |         |         | 1.5     |
| Magnesium       | wt. % MgO                                |         |         | 0.3     |
| pH              |  |         |         | 6.3     |
| Solids          | wt. %                                    |         |         | 0       |
| Sulfate         | wt. % SO <sub>4</sub>                    |         |         | 1.8     |

### PHYSICAL ANALYSIS

| Component               | Units                                    | Typical |
|-------------------------|--|---------|
| Color                   |  | Green   |
| Density<br>(@60°F/15°C) | lb/US gal                                | 12.1    |
|                         | lb P <sub>2</sub> O <sub>5</sub> /US gal | 4.5     |
|                         | US gal/ton                               | 165     |
| Salt Out Temperature    | °F (°C)                                  | 32 (0)  |
| Specific Gravity        | @ 60°F/15°C                              | 1.45    |

### SHELF LIFE and STORAGE STATEMENT

When stored in properly selected containers at temperatures less than 70°F (21°C), **POLY11** is expected to have a shelf life of at least 9 months from the date of manufacturing. **POLY11** shelf life has been observed to decrease rapidly when stored at temperatures above 90°F (32°C). No formal shelf life testing or assignment of expiry date has been performed for this product.

#### Refer to a Safety Data Sheet for more information

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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The manufacturer's representative for this product is the following subsidiary of Nutrien Ltd.:

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