



Product Data Sheet

Di-AN



Nitric Acid – Ammonium Nitrate Solution (Commercial Grade)

General:

Apache Nitrogen Products, Inc. manufactures a low pH solution containing 18% nitrogen. The solution has both nitrate and ammoniacal nitrate forms, which is useful for soil conditioning, pH control, cleaning drip irrigation systems as well as supplying nitrogen.

Typical Chemical Composition:

| | |
|------------------|--------|
| Nitrogen (total) | 18.0 % |
| as nitrate | 13.0 % |
| ammoniacal | 5.0 % |
| pH | 0.8 |

Typical Physical Data:

| | |
|---------------------------------|----------|
| Weight per gallon @ 60°F (16°C) | 11.5 lbs |
| Specific Gravity @ 68°F | 1.378 |
| Crystallization Temperature | 17°F |

Compatibility & Uses:

- Compatible with other fertilizers is limited.
- Compatible with micronutrient additives.
- Use – Soil conditioning.
- Use – pH control.

- Use – drip irrigation cleaning.

Advantages:

- Both nitrate forms allow extended time release of nitrates for more effective application.
- Low pH conditions the soil.
- Cleans delivery system as it is applied.

Safety:

Refer to the product Material Safety Data Sheet for additional information.

- Di-AN is classified as a CORROSIVE. Contact with skin or eyes will cause burns. Take normal precautions for working around concentrated acid solutions.
- Inhalation of fumes (oxides of nitrogen) can cause irreversible damage to the respiratory system. The fumes are toxic. Wear appropriate personal protective equipment.
- 316 or 304L stainless steel construction recommended for handling and storage systems.

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