

Product Information

Calcium Ammonium Nitrate Technical Grade

Product Description:

Calcium ammonium nitrate is a free flowing granular solid that is highly water soluble. It acidifies soil less than many other common nitrogen fertilizers, thus preferred on acid soils.

Applications:

Calcium ammonium nitrate is used as a nitrogen and calcium fertilizer for a variety of applications including drip irrigation and foliar spraying. It is used as a gassing chemical in explosive production.

Chemical Formula:

$5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$

Specifications:

Parameters (units)	Specifications
Ammonium nitrate (%)	≤ 8.5
Calcium nitrate (%)	≥ 76
Total nitrogen (%)	≥ 15.5
Nitrate nitrogen (%)	≥ 14.4
Ammonia nitrogen (%)	≥ 1.1
Calcium (%)	≥ 18.5
Water insoluble (%)	≤ 0.1
Iron (%)	≤ 0.005
pH	5 - 7
Chloride (%)	≤ 0.02
Particle size, particles between 2 mm and 4 mm (%)	≥ 95

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bisleyinternational.com

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Packaging:

Material is available in 25 kg, 50 kg, 250 kg and 1000 kg plastic woven bags with inner plastic lining. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight and moisture.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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