



NUTRIENTS

DIAMMONIUM PHOSPHATE

TECHNICAL DATA SHEET

Description

Diammonium Phosphate is a white powder which is used to add additional assimilable nitrogen to ensure correction of deficiencies in juice, (sugar) wash or wort.

Benefits

- Enhances yeast growth and fermentation activity
- Prevents sluggish or stalled fermentations.
- Dissolves easily in liquids
- Ideal for low nitrogen juice, sugar wash, or wort

Principle

Yeast needs a readily utilisable source of nitrogen. Low levels of nitrogen can cause the following symptoms:

- Long lag phase
- High pH
- Incomplete fermentation and formation of off-flavours

PRODUCT CODE

DAP

COMMODITY CODE

31053000

PACKAGING (kg)

25 kg

STORAGE

Keep in original container.
keep containers sealed
when not in use.

Temperature

Recommended storage
temperature is 10°C - 15°C.

Location

Store in cool conditions away
from direct sunlight.

Shelf Life

At the recommended storage
conditions, one year from the
date of manufacture.

Application & Rates of Use

The product can be mixed with a small volume of juice, wash or wort and added to the fermenter. If used in wort it can also be added to the kettle at the end of the boil.

A 10 g/hL DAP addition yields a 21 mg/L (ppm) Yeast Assimilable Nitrogen (YAN) increase. While nitrogen is essential for yeast metabolism and fermentation, maintaining an optimal balance of nutrients is crucial to achieving desired fermentation outcomes and producing high-quality fermented beverages. Monitoring and controlling nitrogen levels throughout the fermentation process can help mitigate the risk of adverse effects associated with both nitrogen deficiency and excess.

Guidelines For Use

- Check that the product is within its shelf life before use
- Carry out optimisation trials to obtain ideal dosage rates for the best results
- Do not add too much of the product or over-vigorous fermentation will result
- Read the Safety Data Sheet prior to use

TECHNICAL SUPPORT

+44 (0) 115 978 5494 | techsupport@murphyandson.co.uk

REGULATORY COMPLIANCE INFORMATION

Refer to the '**Product Specification Sheet**' or contact us on:
+44 (0) 115 978 5494 | compliance@murphyandson.co.uk

	Product name : Diammonium Phosphate
	Product code: DAP
	Doc Ref: TDS033
For Health & Safety Information refer to the Safety Data Sheet.	Issue Date: 27/03/2025
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