

Amicult™ K42

Engineered to cultivate smarter, higher yields

Product Description

Amicult™ K42 is a chloride-free potassium formate-based fertilizer that helps to enhance the potassium absorption of plants. The absorption improves in both foliar and root, leading to better and healthier yields.

This liquid, and safe to handle fertilizer, is designed to maximize the efficiency of potassium use by plants, allowing to reduce potassium input along the crop cycle.

Applications

Fertigation
Foliar fertilization

Packaging

IBC 1570 kgs and as bulk



With high-salinity and arid agricultural land increasing, it's time for more chloride-free potassium options. Amicult™ K42 is engineered to the finest detail for high absorption and solubility, without increasing salinity or clogging foliar and drip irrigation equipment. Improving yield and water efficiency, Amicult™ K42 is the smart way to increase profitability.

Amicult™ K42

Engineered to cultivate smarter, higher yields

Product Specification

Characteristics	Unit	Specification	Analytical Method ¹
K ₂ O content	wt.%	42 (+/- 2)	PO 336
K ⁺ content	wt.%	35 (+/- 2)	PO 337
pH (at 25 °C)		9-10	PO 110-3

1. Analytical methods are available on request

Other Characteristics

Characteristics	Unit	Typical Value ¹
Chloride content	ppm	20-40
Sodium content	wt.%	0.2-0.5
Other organics	wt.%	0.5
Density (at 25°C)	g/cm ³	1.57 – 1.59

1. Typical values are for information only and not part of sales specification

Product Description

Organic Potassium salt dissolved in water

NPK: 0-0-42

Handling and Storage

Store Amicult™ K42 in a cool dry place away from direct sunlight and heat sources; preferably to be stored above 0 °C, as crystallization temperature for product (as delivered) is ~0 °C.

Regulatory

EU Fertilising product according to Regulation (EU) 2019/1009

- Product function category (PFC) : 1(C)(I)(b)(i): Straight liquid inorganic macronutrient fertilizer.
- CMC: 1
- CE marked

AAPFCO: official listing

Regulation (EC) No 1272/2008 (CLP): unclassified

Globally Harmonised System (GHS): unclassified

Regulation (EC) No 1907/2006 (REACH): compliant

Effective date: August 30, 2023

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.