



Solusorb A

Water Retention Aid

Superabsorbent polymer for improved water management in many plant growing systems

Description

Solusorb A is a synthetic superabsorbent polymer designed to improve the water retaining properties of soils and other growing media with many gardening benefits.

Also suitable for use as transplanting aid to reduce “transplant shock” and its effects.

Solusorb A is able to absorb large amounts of water and, when mixed with a growing medium, increases its water holding capacity. In turn a steady supply of water is provided to plant roots thereby encouraging optimum plant growth. In certain circumstances such as hanging baskets and patio tubs water usage and watering frequency can be reduced.



The hydration/dehydration (absorbing and releasing water) cycles cause physical movement in the growing medium helping to maintain an open, aerated structure and promoting healthy conditions for root growth.

Potassium-based formulation which does not increase sodium burden and associated issues.

Chemical/physical data

Typical analysis:	100 % cross-linked copolymer of acrylamide and potassium acrylate.
Particle size:	0.5 – 3.0 mm.
Bulk density:	approx. 0.8 kg/dm ³

Appearance: White granules

Solubility in water: Insoluble

Maximum water absorbance: 300 g/g deionised water
150 g/g water with 1,000 ppm NaCl
150 – 200 g/g within growing media

Approximately 60% maximum hydration is achieved after 1 hour.

Stability of hydrated gel: 3 – 5 years depending on conditions.

Directions for use

Growing media: Carefully mix 1 – 3 kg per m³ (1 -3 g per litre) depending on the natural water retentiveness of the medium. For poor quality and peat free composts use the higher rate.

Transplanting aid: Prepare a moderately adhesive gel by adding 10 grams of **Solusorb A** to 1.5 – 3.5 litres of water. The amount of water needed will depend on its quality. Use this gel as a protective root dip immediately before planting out. Transplants may be dipped singly or in bunches depending on their size

Contact Solufeed for more information about transplanting and other **Solusorb A** applications including grass establishment, plant transportation and propagation.

General information

Packaging: 1 kg re-closable carton

Technical service: For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

Precautions

Avoid prolonged exposure with the skin and wash hands after use.
Keep away from children, pets and other domestic animals.
Store in original resealed packaging in a safe dry place.

Always read the label on the product you purchase before use.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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