

# FLORISSANT<sup>®</sup> Treatment for Carnation



Introduction	Carnations are very sensitive to ethylene, which can cause major damages like shrunk flowers, flower and bud abortion, incomplete flowering and a short vase-life.
Background	Ethylene is a volatile hormone, produced by the flower itself in order to regulate flowering. Ethylene can also be produced by secondary sources such as exhaust gases, mature fruits or other flowers, which negatively influences the flower and is the cause of the mentioned damages. These negative effects can easily be avoided by means of a post-harvest treatment with FLORISSANT 100.
Effects	FLORISSANT 100 inhibits the effect of internal ethylene production by the flower and protects against external ethylene coming from secondary sources. Consequently premature shrinking, petal drop and incomplete flowering are avoided and vase life is prolonged. Once treated, the flower will no longer respond negatively to ethylene
Post-Harvest	Prepare the FLORISSANT 100 solution just before harvesting. Place the freshly cut flowers in the solution for at least 4 hours. Do not leave the flowers in the solution for longer than 72 hours. The water uptake can be increased by adding FLORISSANT 700.
Neutralisation	Neutralization of residual solutions is necessary because the residual solution contains traces of silver. Please refer to FLORISSANT 100 for further instructions.
Rehydration	Flowers which have been treated properly during post harvest with FLORISSANT 100 at the recommended rate can be rehydrated with FLORISSANT 400C. This is an ideal product for the rehydration of Dianthus after dry transport as it kills bacteria and improves the water uptake.
Storage	FLORISSANT 400C is an ideal product for storage of Dianthus as it kills bacteria and improves the water uptake, also after dry transport.
Vase	FLORISSANT Cut Flower Food is to be used at a consumer level to open the flowers and to bring the flowers to full bloom.
Dosage	<u>Post-harvest treatment of the freshly cut flowers:</u> <b>FLORISSANT 100:</b> Shake the container before use and add 1ml per litre water. Stir gently and use the solution for a maximum of 5 days.

Rehydration or storage of a properly treated flower:

Dosage of 3.5ml/litre **FLORISSANT 400C** will be sufficient. Stir gently and use the solution for a maximum of 3 days.

*Note: Always use clean buckets and clean water. Do not combine any other treatment with the above, without consulting us. Never mix an old solution with a fresh one.*

*FLORISSANT 100 gives an acid solution which should be used in contact with acid-proof pumps, hoses, etc. only. Avoid any contact of the concentrate and the ready-to-use solution with metals.*

**Packaging**

FLORISSANT 100 is available 1 litre and 5 litre containers.

FLORISSANT 400C *New Formula* is available in 5 litre containers.

FLORISSANT Cut Flower Food is available in 4kg packs and consumer sachets.

**Precautions**

FLORISSANT should be stored in a dry and dark place. Keep the product cool but frost free. Avoid contacts from eyes and skin with the concentrated product.

All FLORISSANT® products are manufactured with the greatest care and are kept under constant laboratory surveillance. The manufacturer however cannot be held liable if the product is applied incorrectly.