

# Aroma Granule AQ-NF Foot Deodorant

## Overview

## What is Aroma Granule AQ-NF Foot Deodorant

Aroma Granule AQ-NF Foot Deodorant is a Non-formaldehyde type aqueous paste containing the microencapsulated perfume designed to suppress foot odor. Using our unique microencapsulation technology, the perfume is stably compounded, and it can be easily added to various sprays and other deodorant products to add long-lasting foot odor suppressing effect.

Aroma Granule AQ-NF Foot Deodorant applied onto foot or other place where the odor is problematic releases the functional perfume when the microcapsules are broken by rubbing or kneading.

The microcapsules can remain stable for several months as long as they are intact.

## Characteristics

Composition	Microencapsulated perfume / Water / Thickener
Appearance	Milky white or Pale yellow paste
Average particle size	About 4.0 $\mu\text{m}$
p H	6-8
Density	1.02 $\pm$ 0.05 g/ $\text{cm}^3$
Viscosity	2,000 $\pm$ 1,500 mPa $\cdot$ s (at 25°C) (BH type viscometer)
Ionicity	Slight Anionic
Active ingredient	40.0 $\pm$ 5.0% (capsule compound), 10-30%(perfume content)

## Durability Confirmation

Non-capsule products : Lose the function within 2 days

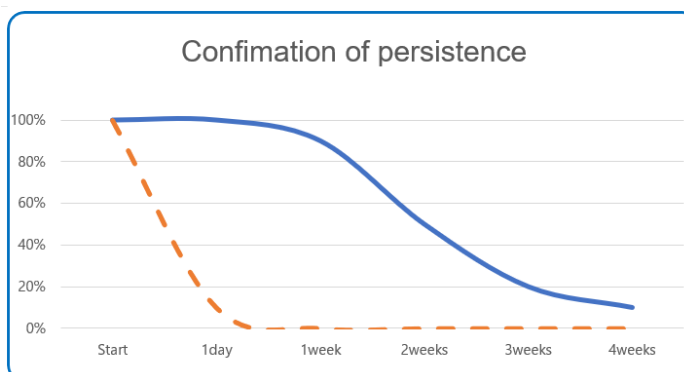
Capsule-based products (such as ours) : **Last for more than a week. (\*)**

\*Please note that the results of this testing are based on our internal tests.

\*We created the test specimens and assessed by our employees through sensory testing.

\*To assess the fragrant strength, we rubbed the test specimens before performing the test.

\*The longevity of the function is determined by the release of the fragrance when the capsules are broken. This, in turn, is proportional to the capsule dosage used.



## Recommended formula

### ●For Printing

Binder 0523E	89
Aroma Granule AQ-NF Foot Deodorant	10
Fixer FE	1
Total	100

100-mesh 1-stroke printing on fabric  
⇒ Dry at 80° C for 10 minutes

### ●Spray

water	90
Functional Capsule Ingredients (*)	X
Aroma Granule AQ-NF Foot Deodorant	10
Total	100+X

\*According to your preference, it is possible to add our capsule perfume, cooling sensation, and functional ingredients.

### ●For Padding

water	83
Matsumin sol MR50	~10
Dyestone PrintgenXL	2
Aroma Granule AQ-NF Foot Deodorant	5
Total	100

Padding to fabric with a draw rate of 100%.  
⇒ Dry at 80° C for 10 minutes

## Notes

- (1) Please store this product in a cool, dark place below 40° C. However, avoid freezing it.
- (2) Since this product may precipitate or separate during long-term storage, be sure to stir it thoroughly before use.
- (3) Depending on the ingredients used, there is a possibility that the state of this product may become unstable, such as gelling or separating, so please conduct sufficient testing in advance.
- (4) The shelf life of this product is one year. Products that have been stored for more than one year may have a slightly different odor from the initial scent.
- (5) Depending on the storage conditions, it may thicken (harden) over time, but in that case, it will return to its original state by adding 25% ammonia water or 5% caustic soda as appropriate.
- (6) When handling the product, please read the SDS before use.
- (7) For specific methods, please contact our sales department or technical department.



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