

# Aluminum-Free Underarm Deodorant Stick



Safe, effective, long-lasting odor neutralization using **VELAFRESH ZP20** that doesn't stain clothing.

Ingredient	Function	wt%
1,3 propanediol	Carrier	57.5%
Water	Diluent	23.0%
Sodium stearate	Structurant	7.5%
<b>VELAFRESH® ZP20</b>	Odor neutralizer	5.0%
Barley starch	Moisture control	5.0%
Polyglycerol ester	Solubilizer	2.0%
Fragrance	Adds scent to product	q.s.

## Directions

- Add propanediol to a clean vessel with mixing
- Add **VELAFRESH ZP20** to the water to further dilute before adding to the vessel while mixing
- Heat the vessel to 194 °F (90°C)
- Add sodium stearate slowly until fully dissolved
- Add polyglycerol ester while mixing
- Add barley starch slowly while mixing
- Add fragrance while mixing
- Pour into desired container before cooling



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## Potential Label Claims:

- Proven to be effective against odor causing molecules
- Leaves no stains or residues on skin or fabric
- Ease of use in finished formulations
- Will not interfere with natural perspiration
- Allows for fragrance-free claims
- Allows for all-natural claims in finished products
- Neutralizes body odors at the source
- Leaves no residues on skin or clothing
- Aluminum free

## Plant-Based Content:

100%

## Product Properties

Appearance..... White stick

pH.....7.0

## Usage

Use as needed

## Itaconix Corporation

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