

# ***AviThone - Zn***

Zinc Pyrithione



## **Advanced Protection for Skin, Hair, and Beyond.**

AviThone-Zn is a premium solution harnessing the power of zinc pyrithione, a well-recognized ingredient for promoting skin and hair health. Known for its potent antifungal, antibacterial, and antimicrobial properties, AviThone-Zn delivers reliable performance in various personal care, cosmetic, and industrial applications. This coordination complex of zinc is a crucial solution in addressing skin and scalp concerns, including dandruff and irritation, making it an indispensable ingredient in formulations that require effective microbial control.

## **The Avid Organics Advantage**

- FSSC-22000, ISO-14000, and ISO-45000, SMETA accredited facility.
- Kosher, Halal, FSSAI, and FDA-certified food & feed products/ingredients.
- All operations powered by 100% renewable electricity by 2025
- Pledged to achieve zero actual carbon emissions by 2040.
- Strictly committed to zero animal testing.
- In-house R&D that delivers customized, eco-friendly solutions to meet evolving industry needs.
- State-of-the-Art infrastructure facility.

AviGly is manufactured using stringent quality control processes to ensure that each batch meets the highest standards of purity and consistency. Our state-of-the-art facilities are equipped to produce both technical-grade and pharmaceutical-grade glycine, catering to the specific needs of our diverse clientele.

## Market Applications of AviThone-Zn

### 1. Personal Care & Cosmetics

- Fights dandruff in hair care.
- Antibacterial for skincare.

### 2. Industrial Applications

- Preserves paints and coatings.
- Prevents microbial growth in industrial products.
- Protects fabrics from degradation.

### 3. Household Products

- Antimicrobial cleaning solutions.

## Technical Specifications

CAS Number: 13463-41-7  
Molecular Formula:  $C_{10}H_8N_2O_2S_2Zn$   
Molecular Weight: 317.7 g/mol

Parameter	AviThone-Zn Specification
Appearance	Off white powder
Odor	Characteristic
Assay	96.00% min
Loss on Drying	0.50 % max.
Zinc Content	19.00% to 22.00%
pH (5% slurry in water)	6.5 to 8.0
Iron	10 ppm max
Arsenic	5 ppm max
Nickel	5 ppm max
Chromium	3 ppm max
Cobalt	3 ppm max
Mercury	1 ppm max

