



AviThone-Zn (Zinc Pyrithione)

AviThone-Zn, encapsulates the prowess of zinc pyrithione, ushering in a new era of skin wellness enhancement. As a coordination complex of zinc, AviThone-Zn stands as a fundamental solution for promoting healthy skin and combating common concerns.

General info :

CAS Number	Molecular Formula	Molecular Weight
13463-41-7	$C_{10}H_8N_2O_2S_2Zn$	317.7gm/Mol

Sales Specification :

AviThone-Zn

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.
Lead	5 ppm max.
Arsenic	5 ppm max.
Nickel	5 ppm max.
Chromium	3 ppm max.
Cobalt	3 ppm max.
Mercury	1 ppm max.



AviThone-Zn (Zinc Pyrithione)



AviThone-Zn solution is a coordination compels of Pyrithione and zinc which is commonly found in dandruff treatments due to its antifungal, antibacterial & antimicrobial properties.

Sales Specification :

AviThone-Zn 48%-50% & 38%-40%

Description	AviThone-Zn 48%-50% Specification	AviThone-Zn 38%-40% Specification
Appearance	White to off white aqueous suspension	White to off white aqueous suspension
Odor	Characteristic	Characteristic
Assay % (w/w)	48 - 50 %	38 - 40 %
pH (5% active ingredient in pH-7 water)	6.5 to 9.0	7.5 to 11.0
Zinc content	9.8 – 11.3 %	9.3 – 11.3 %
Particle size D90	1 μm max	$\geq 0.6 \mu\text{m}$ max
Particle size D100		0.9 μm max

Market Applications

- It is used in anti dandruff shampoos, cosmetic products, skin, hair & other applications.
 - Also used as preservative for paints, coatings, adhesives, plastics, sealants & binders, fabric care, construction products and industrial products.
 - It is used in Hair treatments, Hair styling gel, shampoos & conditioners.
 - Also, it is used in paints and coating as dry film preservative and in care preservative.
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