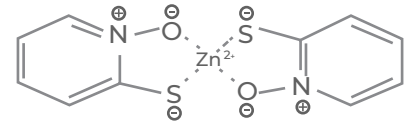


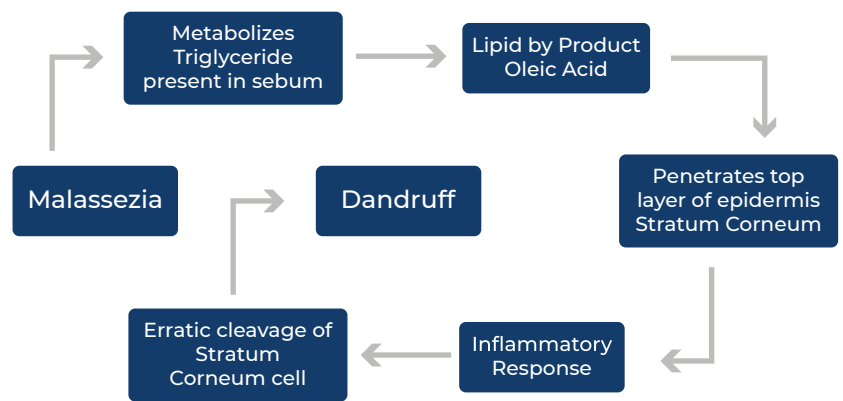
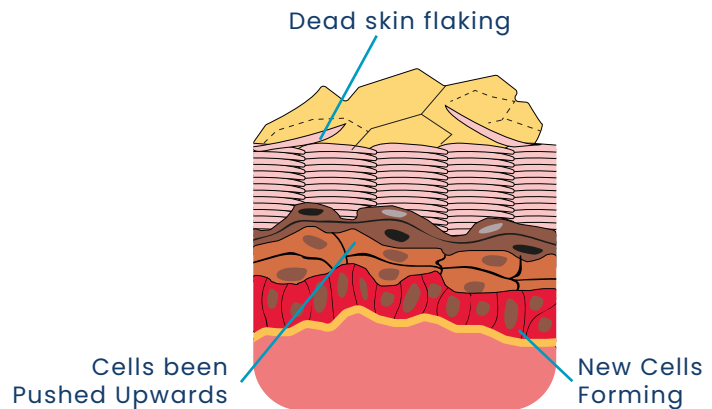
IDRUFF

Zinc Pyrithione

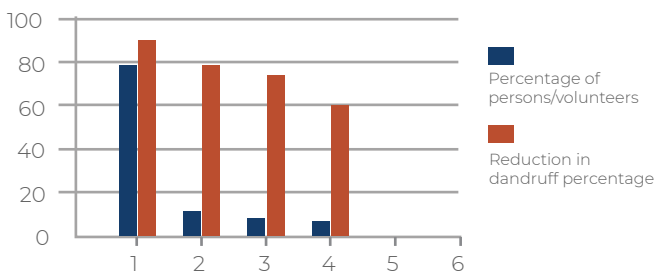


Dandruff-causes

Dandruff is a common scalp condition associated with abnormal scalp flaking. Half of the adult human population is affected by the condition at some time in their lives. In general, dandruff is caused by three etiological factors, Malassezia yeast, sebaceous secretions, and individual susceptibility.

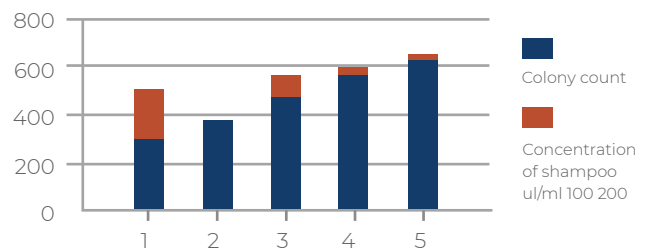


Clinical assays



1. Efficacy and safety study of Zinc Pyrithione shampoo against dandruff

In the clinical evaluation of 20 subjects, for a period of 4 weeks of usage of anti-dandruff shampoo With zinc Pyrithione, none of them complained of any adverse effects like pruritis (itching), erythema, increase in dandruff, local discomfort etc. After 4 weeks of usage of anti-dandruff shampoo with Zinc Pyrithione, it was not possible to isolate Malassezia furfur in culture from all volunteers. Further there was definite reduction in dandruff in all the volunteers.



2. Testing of susceptibility of Malassezia furfur to anti-dandruff shampoo with Zinc Pyrithione

The minimum inhibitory concentration of anti-dandruff shampoo with Zinc Pyrithione required for the total inhibition of Malassezia furfur (1X 10⁶ cells / ml) is found to be 700 µ/ml.



Application

Function

Anti-dandruff.

Type

Shampoo, Hair care formulas



Technical data

1. Product information

Contents	iActive Caffeine WS
Appearance	Suspension
Color	White to white-off
Odor	Characteristic
Active ingredient content	9.3 - 11.3%
Solubility	Water: Practically insoluble Caustic soda: Soluble Acids: Soluble
INCI name	Zinc Pyrithionate
Storage condition	Keep away from sunlight and heat

2. Formulation instruction

Add into the shampoo with proper viscosity to facilitate the suspension of the dispersion. Avoid the use of quelants.

Recommended dosage	0,5-3%. Shake before use.
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