

based on the ancient  
element sulfur

# all about acne treatment

Sulfur occurs naturally as the element, often found near volcanoes and hot springs. It gets its name from the Latin word "sulphur" which is formed from a Latin root meaning "to burn."

## Sulfidal™ Colloidal Sulfur

Sulfur used in production of Sulfidal Colloidal Sulfur is upcycled and obtained from the byproduct of fossil fuels, where it is present mainly in the form of hydrogen sulfide.

- 75% active content sulfur in a protective colloid that mitigates sulfur's natural smell
- mild and efficacious alternative to salicylic acid and benzoyl peroxide (BPO)
- helps dry out the surface of skin to improve the appearance of acne

treatment	pros	cons
Sulfur	<ul style="list-style-type: none"><li>• treats acne and may reduce redness</li><li>• demonstrates antifungal, antibacterial, and keratolytic activity</li><li>• exhibits inhibitory effect on growth of Propionibacterium acnes</li><li>• not known to cause photosensitivity</li><li>• rare occurrence of adverse events</li><li>• found in nature</li></ul>	<ul style="list-style-type: none"><li>• may have a mild odor*</li></ul>
Benzoyl Peroxide	<ul style="list-style-type: none"><li>• prevents plugging of hair follicles</li></ul>	<ul style="list-style-type: none"><li>• may dry out the skin</li><li>• may need to use with sunscreen</li></ul>
Salicylic Acid	<ul style="list-style-type: none"><li>• prevents bacterial infection</li></ul>	<ul style="list-style-type: none"><li>• may be irritating to skin</li></ul>

reduces the rate of water loss  
\*odor can be mitigated with good  
formulation techniques and/or the  
use of Sulfidal Colloidal Sulfur

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