



# AcneZel™ CSA

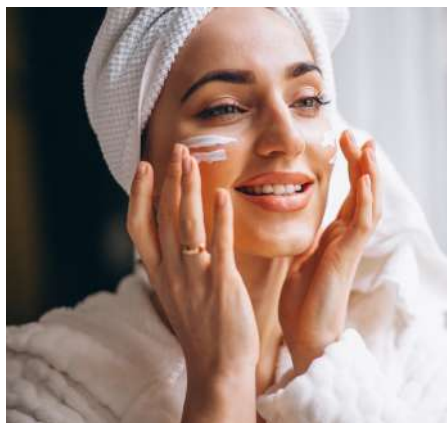
## TECHNICAL DATA SHEET

**TDS:** GFCP/ACCSA/1022

---



• **For cosmetic use only**



### **Product Name:** AcneZel™ CSA

---

**Botanical Name :** Aqua (and) Butylene Glycol (and) Gossypium herbaceum (cotton root) extract (and) Azadirachta indica(neem) extract (and) Salix alba (willow bark) extract (and) Hamamelis virginiana (witch hazel) extract (and) Capryloyl Salicylic Acid

**CAS Number Name:** 7732-18-5, 107-88-0, 223749-08-4, 84696-25-3, 84082-82-6, 84696-19-5, 78418-01-6

### **Introduction:**

---

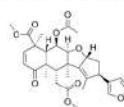
As we step into a new era, we face a world that's constantly evolving, and with it, new challenges for our skin. Today's generation is confronted with a unique set of skin problems such as ACNE that demand innovative solutions. That's why we're excited to introduce to you the power of nature and our innovative product. AcneZel™ CSA is an Authentic Fusion of Nature's Finest Herbs. Our cutting-edge formulations go beyond traditional acne treatments, targeting the evolving factors that contribute to breakouts in the modern world. Unlock the potential of nature's healing touch with our AcneZel CSA herbal acne active. Harnessing the time-tested wisdom of botanical ingredients, we present a revolutionary solution for those seeking a natural approach to acne care.

We are taking you into a world where the power of nature meets the science of skincare. We proudly present the key ingredient in our exceptional herbal anti-acne actives, a botanical treasure revered for its remarkable acne-fighting properties.

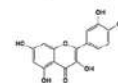
## Unleash the Power of Herbal Actives



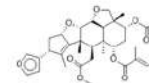
**Azadirachta indica**  
(neem)



Nimbin



Quercetin

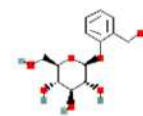


Salannin



**Salix alba**  
(willow bark)

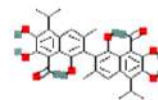
Willow bark extract offers several benefits for acne treatment due to its bioactive compounds. Willow bark consists of salicin, which is the natural precursor of salicylic acid. Salicin is enzymatically converted to salicylic acid, which helps to regulate sebum production. It also contains catechins and procyanidins, which possess anti-inflammatory activities and help to protect oxidative stress and anti-fungal activity.



Salicin

**Hamamelis virginiana**  
(witch hazel)

The qualitative phytochemical study of this plant extract indicates the presence of carbohydrates, saponins, steroids, glycosides, phenolic compounds such as tannins and flavonoids. The principle pigment of cotton seed is gossypol, a phenolic compound. It soothes and calms the scalp, balances scalp moisture, nourishes and strengthens the scalp. Anti-inflammatory.



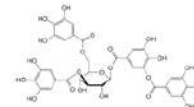
Gossypol



**Gossypium herbaceum**  
(cotton root)

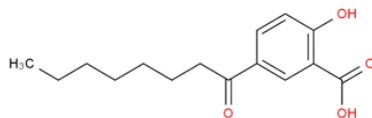


Witch hazel shines as a captivating solution owing to its rich reservoir of bioactive compounds and their remarkable activities. Tannins, the key bioactive constituents in witch hazel extract, yield potent astringent properties, delicately tightening the skin and refining pore size. Such astringency proves invaluable in acne care as it helps regulate sebum production, mitigating excess oiliness and thwarting pore congestion.



Tannins

Capryloyl Salicylic Acid



Capryloyl Salicylic Acid offers effective acne care by exfoliating the skin, regulating sebum production, reducing inflammation, combating acne-causing bacteria, and providing gentle yet powerful results. It is commonly used in skincare products formulated for acne-prone skin to help promote a clearer and healthier complexion.

## Cosmetic applications:

Skincare -Leave-on and rinse-off cosmetic products- acne face cream, acne face gel, face mask, acne face serum, face wash, face pack.

**Recommended Level of use: 2 - 3% (Personal Care).**

[www.greenfarmcare.com](http://www.greenfarmcare.com)

**SOURCE:**  
Natural.

**SHELF LIFE**

24 months from manufacture when stored in suggested conditions.

## **Tentative Specification.**

Parameter	Specification
Description	Clear light brown to dark brown liquid
Odour	characteristic taste and Odor
pH (As such)	4.0 - 7.0
Refractive index at 20 °C	1.3385 - 1.4881
Solubility	Soluble in PG, Glycerine, and Water, Insoluble in Cosmetic Esters
Total Aerobic bacterial count	NMT 100 cfu/g
Total Yeast & mold count	NMT 10 cfu/g
Escherichia coli	Absent in 1g
Salmonella species	Absent in 1g
Staphylococcus aureus	Absent in 1g
Pseudomonas aeruginosa	Absent in 1g

## **Storage:**

The product is highly susceptible to microbial growth. It must be stored between 20°C to 25°C in a closed container and protected from humidity and direct sunlight to maintain shelf life.

## **Packaging**

Available in 1kg in Aluminum bottles and 5kg, 10kg, and 20kg in HDPE drums.



[www.greenfarmcare.com](http://www.greenfarmcare.com)



+91-7020773549  
+91-8800661580  
[info@greenfarmcare.com](mailto:info@greenfarmcare.com)

**GFCP Pvt Ltd**

111, Ecotech VI, Greater Noida,  
Gautam Budh Nagar,  
Uttar Pradesh-201306

#startupidia





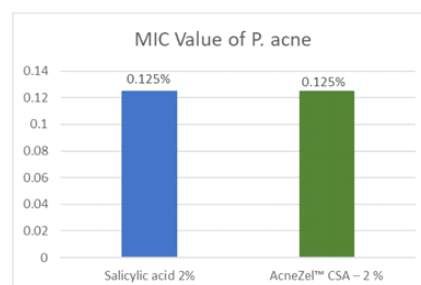
<b>The Study No</b>	RR231019/MCR/MIC/06-23
<b>Study title</b>	Determination of the modulatory effect of test sample against P.acne by minimum inhibitory concentration (MIC) method.
<b>Test Sample</b>	AcneZel™ CSA-2%
<b>Standard sample</b>	Salicylic acid -2%
<b>Sponsors</b>	M/s GFCP Private Limited. 111, Ecotech Sector -6 Greater Noida, Gautam Buddha Nagar, Uttar Pradesh – 201306.
<b>Test facility</b>	Radiant Research Services Pvt. Ltd., No: 99/A, 8th Main Road, III Phase, Peenya Industrial area
<b>Tester Strain</b>	Propionibacterium acnes
<b>Strain No.</b>	ATCC 1951

#### In-vitro study results and benefits:

##### AcneZel™ CSA Benefits

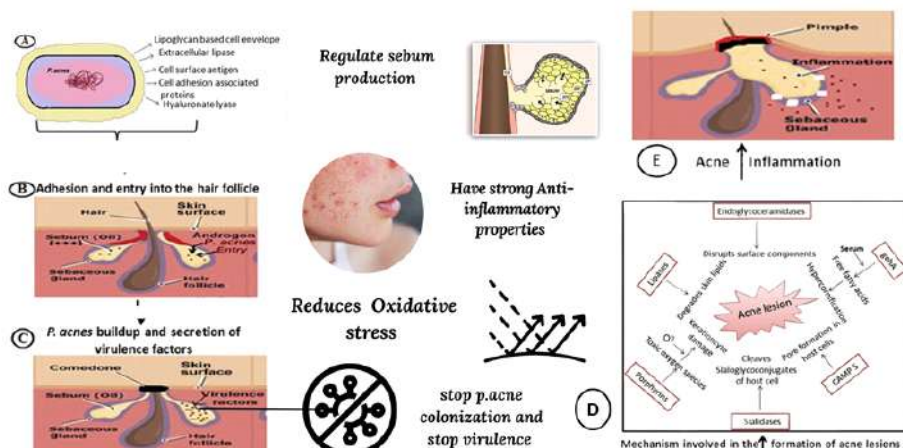
- **Effective for all types of acne.**
- **The ability of anti-acne and anti-inflammation and antifungal**
- **Inhibiting Propionibacterium acnes.**
- **Heals acne lesions and promotes balance of sebum production and reduces oxidative stress**

##### In-vitro results



AcneZel™ CSA is the natural alternative anti-acne agent

#### Mode of action of AcneZel™ CSA



[www.greenfarmcare.com](http://www.greenfarmcare.com)