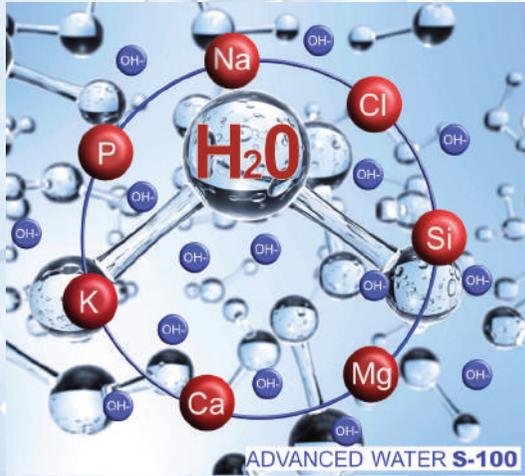


# IONIZED ACTIVE WATER

## ADVANCED WATER S-100

**Electrochemically reduced water (ERW)** Advanced Water S-100 is an active water consisting in a unique mineralization with high reducibility and semi-permanent stability caused by molecular ions with electron rich state. These molecular ions are characterized as high pH and weak basicity according to Lewis theory. Therefore, Advanced Water S-100 is totally safe and 100% biocompatible with human skin thanks to very weak basicity and specific minerals, providing a unique optimization of human skin cell's ionic balance.



**Skin Cleansing and Care**  
**Antibacterial and Preservative**  
**Cell's ionic balancing**

Combined with its cleansing and antimicrobial effects, Advanced Water S-100 proposes a unique and original solution for dermo-cosmetic and woundcare, such as burn, ulcers, atopic dermatitis, stressed/damaged skin. This guarantees a high level of performances thanks to its unique mechanism of action and key minerals.

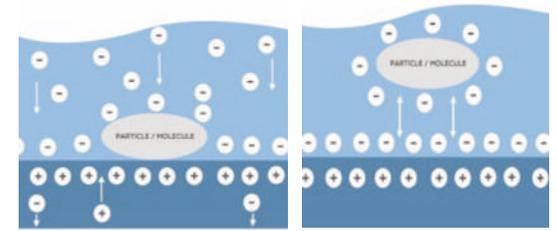
**Advanced Water is safe, non chemical, non toxic, stable over years.**  
**Environment friendly and innovative. Unequaled to date.**

INCI name: **Water and Mineral Salts**  
Composition: **H<sub>2</sub>O (99.7%), Na, Si, K, P, Mg, Ca, Cl (0.3%)**  
Unique pH of 12 **with very low basicity**  
(bacteria and virus cannot survive over pH 10.5)



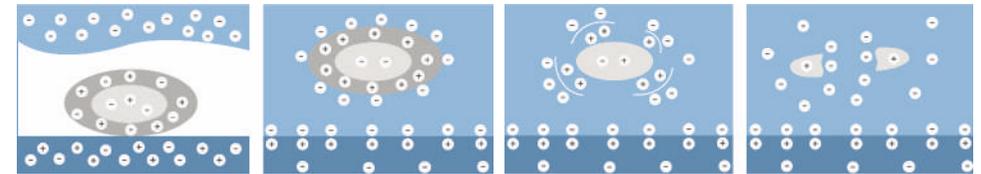
### Unique cleansing Power

Advanced Water S-100, thanks to its negatively charges ions penetrates, encapsulates all kind of particles such as atoms, molecules, micro-organisms, sebum (...), and removes them by repulsion effect (due to same polarity) from all kind of even or uneven microscopic surfaces. Isolated particles and pollutants are easily removed by rinsing. The same mechanism happens for skin deep cleansing.



### Antibacterial / Preservation effect

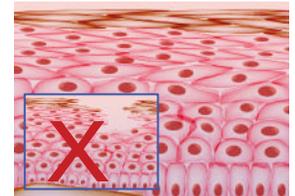
In case of surface bacterial contamination such as E-coli, the ionization process of S-100 Advanced Water quickly polarizes and dislodges the pathogen. Bacteria outer membrane is dissolved by ions force, leading rapidly to the destruction of the cell nucleus, eliminating any chance of contamination. Highly effective on Gram- bacteria. Actively and rapidly dislodges Gram+ bacteria.



Bacteria, even alkaliphilic bacteria which are comfortable with high pH, cannot survive in pH over 10.5. Thanks to its unique pH and antibacterial properties, Advanced Water acts as preservative in the mean time. Advanced Water does not belong to biocide / bactericide products' categories.

### Cell's ionic balancing

Advanced Water combines both effects of a high pH and unique mineralization (Na, Si, K, P, Mg, Ca, Cl), structured through a patented electrolytic process, generating unique molecular structures. Advanced Water not only cleans, protects and ensures stressed/damaged skin's pH balance but also plays a key role in supporting cellular's functioning and regeneration (metabolism and ionic balance).



### 100% biocompatible

Thanks to its very low basicity (equivalent to 0,04M NH<sub>4</sub>OH) Advanced Water S-100 does show respect for natural skin pH as being quickly neutralized when in contact with its natural organic acids. It easily penetrates the skin's layers without damaging cell's membrane and cutaneous microbiote, unlike surfactants, alcohol, preservatives (...) which presence in most of today cosmetic/OTC formulas seriously denature and damage skin's tissues. Advanced Water is the only safe and original high pH water without any chemicals or harmful ingredients.



**100% safe and pure.**

**The power of a unique water.**

# Examples / extracts from scientific papers, clinical cases and tests using Advanced Water S-100

## 1. WoundCare - leg ulcers

Old woman suffering from chronic leg ulcer, under penicillin for the last 3 consecutive treatments, without positive results. S100, 30% dilution, treatment for 50 days, 3 sessions/day. (Test performed mid of 2015)

Old man suffering from chronic leg ulcer, under anti-biotic treatment for 8 months (since May 2015) without any improvement. Then in combination with Advanced Water S-100, 30% dilution as woundwash (spray) 3 sessions/day, from November 24th, 2015 to March 2016.



## 2. WoundCare - IIb degree burn

A case involving treatment of the dorsum of the left hand with S-100 lotion, antibiotic/steroid combination ointment, and vitamin A/E ointment using wrap therapy. Below pictures: before treatment, after 6 days, 10 days, 17 days, 44 days, 98 days and 130 days. (Source: BioScience Trends. 2010; 4(5):213-217). See under adwatis.com



## 3. DermalCare - atopic dermatitis

A case involving a female in her late 20s who was diagnosed with systemic atopic dermatitis. Lesions present over the face, chest, neck, and bilateral upper limbs, and in particular, very extensive facial dermatitis. Oral and topical drugs were used, in combination with S-100 water diluted. (Source: Drug Discoveries & Therapeutics. 2010; 4(6):499-503). See under adwatis.com



Before treatment

After 1 week

After 3 months

## 4. Acne

A case involving a mid 20s woman who suffered from severe acne for over 12 years. Several medicated treatments, generating many side effects, at the age of 14 years, 16 years and 20 years, all without any improvement. Other treatments (chemical peeling, laser, bio-resonance, essential oils) without significant improvements...



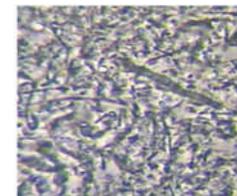
Since then, use of Advanced Water S-100, 30% dilution, as a cleansing/facial mist, 3 sessions/day. (Test performed during 5 months, from September 2nd 2016 until January 31st 2017).

## 5. Advanced Water Gel CC6 Mouth/dental care

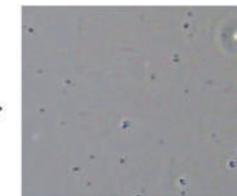
Advanced is a light viscous water gel directly derivated from Advanced Water S-100. Can be easily obtained by mixing S-100 Water with 1% CMC-NA (sodium carboxymethyl cellulose gum). Can be used alone as a gel by keeping entire S-100 properties in terms of cleansing power, dental plaque / tartar removal, antibacterial effect and in terms of supporting new cellular's regeneration. Excellent for mouth/dental care.

### Example of antibacterial effect against periodontal bacteria

Pictures made by microscope involving a patient suffering from periodontitis (P. Gingivalis bacteria). Close to total elimination of the bacteria after 15 secondes.



Sample image before use  
(P-teck phase microscope P-Scope PRO used)



Sample image after use  
(P-teck phase microscope P-Scope PRO used)



Combined with its cleansing and antimicrobial effects, Advanced Water S-100 proposes a unique and original solution for dermo-cosmetic and woundcare, such as burn, ulcers, atopic dermatitis, stressed/damaged skin. This guarantees a high level of performances thanks to its unique mechanism of action and key minerals.

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Unique pH of 12 **with very low basicity**  
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100% safe and pure.

The power of a unique water.



My skin deserves the smartest & purest care

New



# IONIZED ACTIVE WATER

Advanced water S-100 was developed in Japan, as a result of over 30 years of development. Widely tested by Japanese universities, it has demonstrated outstanding properties. As of today, it has proved its high efficiency and is widely used in dermo-cosmetic application's fields.



Skin Cleansing and Care  
Antibacterial / Preservative  
Cell's ionic balancing

- Safest skin cleansing system
- Respects skin's natural pH value
- Restores the cutaneous barrier
- Purifying, anti-pollution
- Reduces skin imperfections
- Promotes cellular regeneration

## Tested by top European Laboratories

Patch test 48 hours:  
Human elbow fold test:  
Challenge Test:  
Cutaneous/Ocular Safety & Efficiency Assessment:

**non irritant**  
**very good skin compatibility**  
**A Criteria (pure) / A/B Criteria (diluted)**

**restores the cutaneous barrier**  
**strengthens the skin protective effect**



TEWL (Transepidermal Water Loss):  
Cleansing against particles:  
Eye test Het cam:  
Stratum corneum test:  
Proton mobility:

**significant reduction anti-pollution effect**  
**slightly irritant (3)**  
**100% safe, lipids/proteins' full integrity**  
**very high (2700ms)**

## Wide range of applications

Unequaled ionic water S-100 and its derivatives as active ingredients for a wide range of dermo-cosmetic applications such as face & body mist, skin care, cleansing agent, lotions & creams.

Advanced Water S-100 technology opens new generations of unequally pure and innovative dermo-cosmetic products. It guarantees a high level of performance thanks to its unique mechanisms of action and key minerals.

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**pH 12**  
ADVANCED WATER S-100

**ADWATIS**  
Advanced Water Institute

100% safe and pure.

The power of a unique water.

## Smart Products

Whether in cosmetic or healthcare markets, consumers' demand is increasingly and rapidly moving towards smart, responsible and sustainable products ensuring:

- Proven efficacy
- Natural base
- No side effects



ADWATIS offers a new technological platform in the form of mineralized and ionized water, called Advanced Water S-100. It combines both effects of a high pH and unique mineralization (Na, Si, K, P, Mg, Ca, Cl), structured through a patented electrolytic process, generating unique molecular structures. Advanced Water not only cleans, protects and ensures stressed/damaged skin's pH balance but also plays a key role in supporting cellular's functioning and regeneration (metabolism and ionic balance).

Advanced Water S-100 provides a new generation of innovative products for dermo-cosmetic and health care (OTC) application's fields.

## About us

ADWATIS SA is based in Switzerland / La Chaux-de-Fonds (Neuchâtel) internationally known for highly dynamic business clusters for micro engineering, watch industry, med-tech and life science. ADWATIS SA has been granted by its Japanese partner, the company AI System Products Corp., as exclusive partner & distributor for EMEA markets (Europe, Middle East & Africa) as well for USA & Canada.



AI System Corp.- Japan



ADWATIS - Switzerland



**Your trip to ADWATIS:**  
Zurich Airport: 2,30 hours by train/car  
Geneva Airport: 1,45 hour by train/car

La Chaux-de-Fonds from  
CFF Rail Station: Bus Nr 304  
Exit Chasseral (8 minutes)

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email: info@adwatis.com website: www.adwatis.com

How can water be an active and innovative substance ?

Discover Advanced Water S-100 technology and its unique and unequalled properties.

**Welcome to ADWATIS new world.**



Advanced Water S-100 internationally awarded in 2017/2018 by Cosmetic & Pharmaceutical Organizations.