

Skin and cell resetting, sterilization, deodorization, plant growth effects, etc.  
**Incredibly high effectiveness, awarded with the best prize in Europe**

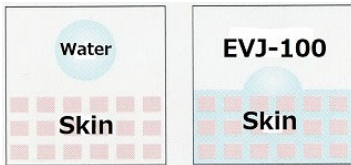
# Deep Active Water EVJ-100

EVJ-100 was developed as a basic foundation liquid for medical drugs and cosmetics, and has unparalleled outstanding permeability, high reducing properties, and the ability to carry active ingredients inside the skin. EVJ-100 is a revolutionary, world-patented, highly functional reducing ionized water using a special patented process made in Japan that has unparalleled permeability, high reducing properties, and the ability to carry active ingredients into the skin. Reducing" means anti-oxidation, and anti-oxidation is a beneficial effect on the human body. In Europe, EVJ-100 has been recognized by various universities and research institutes as beneficial and safe for the skin, has won numerous top awards in the fields of cosmetics and pharmaceuticals, and is already used as a basic solution in many famous medical products, cosmetics, and supplements worldwide.

- Prevention of blemishes, skin beautification, frostbite and chapped skin
- Sterilizes bacteria but does not kill indigenous skin bacteria, so it has an outstanding effect of resetting the skin and cells without destroying the balance.
- Resets atopic dermatitis, burnt skin, etc. in just a few weeks.
- Great effect on allergies after eyelash extensions and tattoos.
- Hair thinning and hair growth effect (currently being used by a hair growth company in Japan).
- Great effect on periodontal disease, oral deodorization, and removal of tartar in humans, dogs, cats, etc.
- Highly effective as an antiviral agent against coronaviruses and other bacteria.



## Major Features of EVJ-100 Deep Active Water



### Outstanding moisturizing effect

While the surface tension of water is 72 mN/m, EVJ-100 has only 62 mN/m, and because of its extremely high osmotic pressure, osmotic pressure difference with the solution inside the cell is unlikely to occur and it will moisture the skin.

### Delivery effect

It has a delivery system effect that transports active ingredients into the skin. When EVJ-100 is applied before applying ointments or cosmetics to the skin, it can penetrate quickly and deeply, and achieve a very significant effect.

### Autologous cell-derived ceramide production function

Application of EVJ-100 activates intracellular reactions and promotes the synthesis of autologous ceramide without external ceramide supply, thereby improving the skin's barrier function and moisturizing capacity. EVJ-100 is highly permeable to the skin and can effectively produce high quality ceramide derived from autologous cells.

### Skin moisturizing action

EVJ-100 has a skin absorption capacity and skin moisture retention capacity 40% higher than purified water, and its outstanding penetration and moisturizing effects provide blemish-preventing and skin beautifying effects.

### Skin Penetration

Skin penetration tests have confirmed that EVJ-100 penetrates into inside the skin, and its outstanding penetration and moisturizing effects provide blemish-preventing and skin beautifying effects.

### Emulsification

By reducing the oil particle size to less than 10  $\mu\text{m}$ , the oil dispersion is maintained by the repulsive force caused by the negative electric.

### Sebum cleansing effect

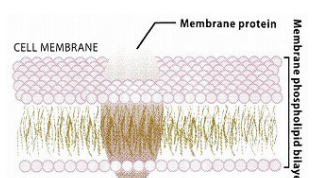
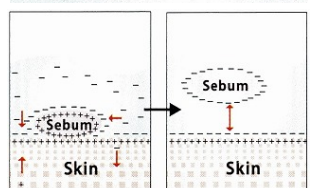
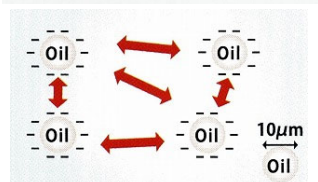
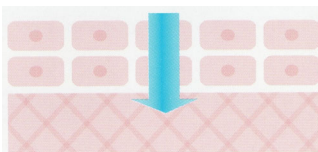
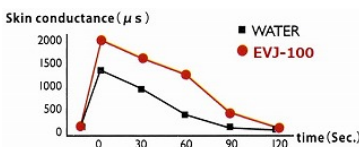
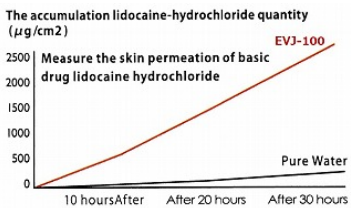
EVJ-100 forms an electric double layer between sebum and skin, achieving an exfoliating effect through the action of ionic interactions.

### Preservative-free

Even alkaline-loving bacteria, which prefer alkalinity, can survive only up to ph 10.5. Bacterial growth is impossible in the alkaline environment of EVJ-100, which exhibits a ph of 11.0 or higher. In addition, like EVJ-100, it is mildly basic and does not irritate the skin.

### High Safety

Surfactants, depending on the amount contained, can denature and dissolve membrane proteins in cell membranes or enter blood vessels through the skin, causing hemolysis. EVJ-100, on the other hand, does not break down membrane proteins and is safe even if it penetrates the skin.



## World's first reducing ionized water capable of promoting ceramide synthesis derived from autologous cells

When EVJ-100 is applied, you can obtain the world's first effect that overturns common sense and cannot occur with other reducing ionized water or alkaline electrolyzed water. EVJ-100 activates intracellular reactions to produce ceramide from keratinocytes and promote synthesis of ceramide derived from own cells without external ceramide supply, thereby improving skin barrier function and moisture retention capacity. While alcohol disinfection damages the skin, EVJ-100 improves the barrier function of the skin, making it a "next-generation disinfectant beneficial to mankind.

Ceramide is a lipid responsible for skin barrier function and moisture retention. Since its production decreases with age, lack of ceramide production causes dry wrinkles (fine lines). EVJ-100 has high skin permeability and can effectively produce high quality ceramide derived from autologous cells.

EVJ-100 differs greatly from the characteristics of ordinary reducing ionized water and alkaline electrolyzed water due to its unique and patented manufacturing process, and does not break down human proteins. This characteristic of EVJ-100 has been used in various companies and hospitals in Japan and abroad for skin care, hair care, and medical applications. Furthermore, EVJ-100 was confirmed to inactivate more than 99.99% of the new coronavirus (SAS-CoV-2) in 20 seconds, and is used as an antiviral agent.

### antimicrobial activity

Test bacteria	Test solution	After startup	After 1 minute	After 2 hours	After 3 hours	After 4 hours	After 6 hours
Bacillus E.coli	EVJ-100	6.1X10 <sup>5</sup>	<10	*****	<10	*****	<10
	Sterile purified water	6.1X10 <sup>5</sup>	*****	*****	6.3X10 <sup>5</sup>	*****	4.4X10 <sup>5</sup>
Salmonella	EVJ-100	2.2X10 <sup>5</sup>	<10	*****	<10	*****	<10
	Sterile purified water	2.2X10 <sup>5</sup>	*****	*****	4.5X10 <sup>5</sup>	*****	3.7X10 <sup>5</sup>
Pseudomonas aeruginosa	EVJ-100	3.7X10 <sup>5</sup>	<10	*****	<10	*****	<10
	Sterile purified water	3.7X10 <sup>5</sup>	*****	*****	6.2X10 <sup>5</sup>	*****	4.9X10 <sup>5</sup>
Parahaemolyticus vibrio	EVJ-100	2.8X10 <sup>5</sup>	<10	*****	<10	*****	<10
	Sterile purified water	2.8X10 <sup>5</sup>	*****	*****	1.7X10 <sup>5</sup>	*****	1.6X10 <sup>5</sup>
Legionella	EVJ-100	7.5X10 <sup>5</sup>	<100	*****	<10	*****	<100
	Sterile purified water	7.5X10 <sup>5</sup>	*****	*****	1.2X10 <sup>5</sup>	*****	9.6X10 <sup>5</sup>
Herpes simplex virus type 2	EVJ-100	1.5X10 <sup>5</sup>	<100	<10	*****	<10	<10
	Sterile purified water	1.5X10 <sup>5</sup>	1.5X10 <sup>5</sup>	1.5X10 <sup>5</sup>	*****	1.6X10 <sup>5</sup>	1.4X10 <sup>5</sup>
Chlamydia trachoma	EVJ-100	1.5X10 <sup>5</sup>	<10	<10	*****	<10	<10
	Sterile purified water	7.7X10 <sup>5</sup>	7.5X10 <sup>5</sup>	7.5X10 <sup>5</sup>	*****	7.6X10 <sup>5</sup>	7.4X10 <sup>5</sup>
P.acnes	EVJ-100	3.8X10 <sup>5</sup>	<10	<10	*****	<10	<10
	Sterile purified water	3.8X10 <sup>5</sup>	3.5X10 <sup>5</sup>	3.4X10 <sup>5</sup>	*****	3.6X10 <sup>5</sup>	2.8X10 <sup>5</sup>

## Non-medical cases

### Agriculture, processed foods

- Sterilization and deodorization of processed foods and fresh foods
- Some companies have increased their sales by eliminating the bad smell and chlorine odor when packing roast pork.
- Unlike hypochlorite water and sodium hypochlorite, there is no chlorine odor in foods that are washed/sprayed with hypochlorite water.
- Vegetables washed with hypochlorous acid water, especially root vegetables, spoil in a few days, but EVJ-100, on the contrary, lasts for a long time.
- When hypochlorous acid water is sprayed in the air, cultivated foods die, but EVJ-100 has a good growth effect on vegetables such as strawberries and cucumbers.
- Cures white spots (powdery mildew) on vegetables and food, and increases photosynthesis to produce high quality vegetables by increasing sugar content.
- Easily removes slime from kitchen floors, baths, and car washes.

### Industrial

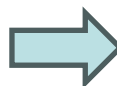
- When used as a cleaning solution for lens polishing, it leaves no trace film or debris and does not cause diffused reflections (90% share).
- Due to its outstanding permeability, EVJ-100 penetrates into the microscopic holes of ceramics and cleans dirt.
- No rusting for 24 years even when steel is soaked in EVJ-100.
- After cleaning cutting blades, it has a significant effect on rust prevention, improvement of cutting surface roughness, extension of tool life, and reduction of waste liquid volume.
- Easily removes persistent special grease that could not be removed with detergents.
- Ideal for cleaning semiconductors and electronic parts

## How to use EVJ-100

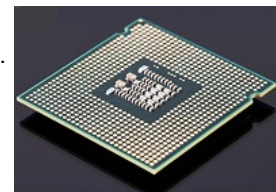


**+** Dilute with purified water

20Kg bulk tank



**Distributors  
Wanted !**



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