



*Deep ocean water*

## 海洋深層水のご提案

Our factory situates in the heart of Global Geopark  
in the Muroto-Anan Seashore National Park in Kochi Prefecture.  
We use fuel gas instead of heavy oil for the production as we are very conscious  
of the preservation of the natural environment.



**MARINE  
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# What is Deep Sea Water?

Deep sea water, which originates in the higher latitudes near the Arctic and the Antarctic, ages in the high pressures of the deep sea where the rays of the sun barely penetrate, making its slow journey along the deep sea currents generated from the spin of the Earth. In the deep sea, mineral nutrients such as nitrogen, phosphorus and silicic acid remain abundant due to not being consumed by phytoplankton, which can't photosynthesize in the dim light at that depth.

We manufacture our mineral water taking advantage of these characteristics.

We are also promoting research into the medical effectiveness of the non-biodegradable organic constituents of deep sea water, in addition to all the elements from the Earth which are dissolved in the ocean.

The planet Earth is a miracle. The possibilities of the sea are infinite.

## Five Characteristics of Deep Sea Water (DSW)

### 1. Purity

DSW is uncontaminated by E. coli and other common bacteria found in underground water, and has less opportunity to be exposed to contamination by chemicals from the air and underground water.

It comes from deep in the aphotic zone where sunlight doesn't reach, halting photosynthesis which can cause phytoplankton blooms.

### 2. Nutritional Wealth

DSW contains many more inorganic nutrients required for plant growth, such as nitrogen, phosphorus and silicic acid, compared to the sea surface.

### 3. Mineral Properties

There is a well-balanced variety of minerals and essential trace elements in DSW, which have been preserved in a dissolved state characteristic of the deep sea.

### 4. Low-temperature Stability

DSW temperature remains stable throughout the year at about 9.5°C (49°F), considerably lower than the surface layer.

### 5. Maturation

DSW has been aged underwater over many years at 30 atmospheres of pressure.

Life was born from the nutrient-rich sea.

Marine Gold Co., Ltd. created the deep sea water industry, resulting in a brand new seawater culture.



## The difference between Deep Sea Water and Underground Mineral Water

### The ocean nurtured all life on Earth.

Underground mineral water is water which has evaporated from the surface of the ocean due to solar heat, forming clouds which then rain back onto the ground and soak down to the water table.

Unfortunately, not all underground mineral waters have uniform constituents, with the possibility of chemical contamination from today's atmosphere, as well as the fact that there are many areas where the ground is polluted.

Deep sea water has a perfect balance of ingredients.

From the birthplace of all life, deep sea water has all the elements of the Earth dissolved in it, evenly mixed as it flows with the currents through the world's oceans.

This pure seawater is preserved from ancient times, when today's problems of chemical pollution didn't exist.

Lying in the aphotic zone where sunlight can't reach, its different specific gravity ensures it won't mix with the surface water.



# Marine Gold

Healthy, Premium Water for the 21st Century  
Enjoy our delicious mineral water anytime!

Marine Gold was developed as the world's first mineral water produced from Deep Sea Water.

The water softness is set at the optimum level to ensure your drinking pleasure.

Produced exclusively under patent by Marine Gold Co., Ltd.

Manufacturing Method Patent No.3557125

Drinking Water Patent No.3634237



## Kochi University Medical Department Joint Research

As announced at an International symposium, the results of joint research with the Kochi University School of Medicine show the non-blodegradable organic constituents of deep sea water to be effective against hardening of the arteries. We have enhanced our 100%-pure deep sea water with folic acid.

# Deep Sea Water + Folic Acid

100%-pure Deep Sea Water combined with Folic Acid.



Folic acid is certified by the Japanese Ministry of Health and Welfare as a Food with Nutrient Function Claims.

## What is Folic Acid?

Known as a 'blood-building' vitamin, folic acid is extracted from spinach and helps the formation of red blood cells, as well as providing nutrients for normal fetal development. Women everywhere have been actively taking advantage of the benefits of folic acid.

Folic acid deficiency increases the risk of the following health problems:

chronic anemia, loss of appetite, mouth ulcers, digestive upsets such as diarrhea and gastroenteritis, peripheral neuropathy, and more.

Muroto Deep Sea Water (salt free)

**Super Marine Gold + Folic Acid**

A Food with Health and Nutrient Function Claims (Folic Acid)