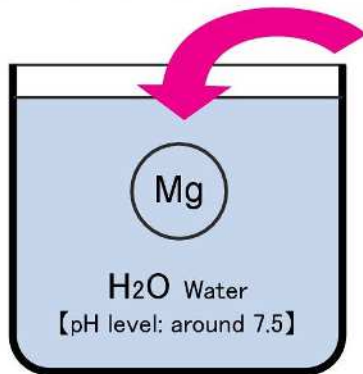


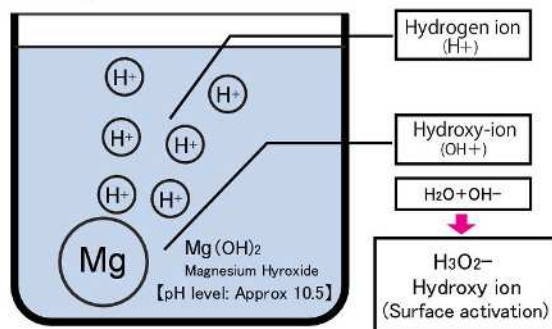
# How Terra Wash+Mg Works

## Synergy of Hydrogen + Ionized Alkaline Water

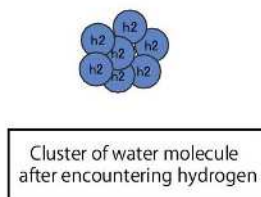
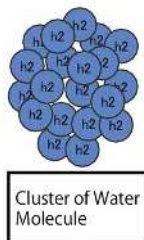
- ① Put Terra Wash+Mg into water.



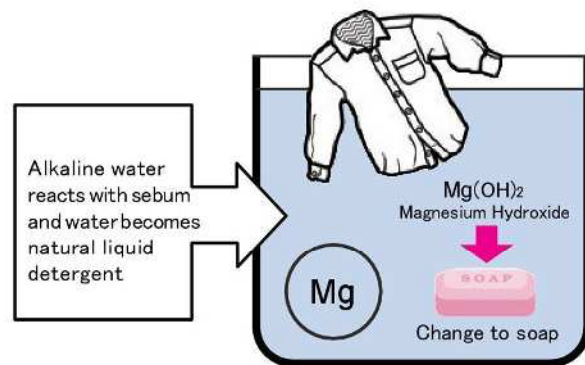
- ② Magnesium reacts with water and generates bubbles of hydrogen (Anion of hydrogen, H), transforming to magnesium hydroxide, changing water to weak ionized alkaline water and raising pH level of water to around 10.5.



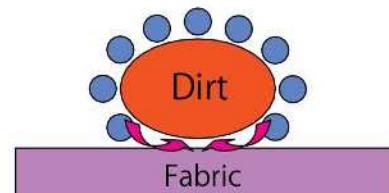
- ③ Water molecules are said to come in clusters rather than single molecules. Although it is difficult to measure the size of water molecules due to its unstable characteristic, it is very easy to imagine water clusters reforming into much smaller size by encountering the smallest molecule on earth, hydrogen, in water. Smaller cluster size enables and strengthens the water ability to pass through fabric pores, resulting in better cleaning properties.



- ④ Alkaline water works as soap when decomposing oil and fat. Therefore, magnesium hydroxide becomes like soap by reacting to sebum when washing dirty laundry.



- ⑤ Water cluster reforming into much smaller size by encountering hydrogen, strengthening its ability to pass through fabric pores and and remove dirt.



- ⑥ Alkali ion (negative ion) captures dirt and peels off from fabric by negative ion repeling to each other.

