



Warning

Irritation to eyes. Keep out of the reach of children.  
 After contact with the eyes: Rinse several minutes cautiously with water.  
 Remove contact lenses, if possible. Continue rinsing.  
 In case of skin contact wash off with water. After swallowing: Rinse mouth and then drink water. In case of persistent irritation or symptoms occur, visit a doctor.

**Application:**

For keeping and breeding of soft water shrimp. Do not use with animals, which are used for the production of food.

**Disclaimer:**

No liability for improper use!

**Storage:**

The storage of sealed bottles possibly not below 12 ° C.

**Instruction for use:**

Stir GH up+ Liquid outside the aquarium in osmosis, deionized water or rainwater. For dosing please use the appropriate color-coded dosing injection.

1. Stuck dosing injection on bottle cap cone
2. Turn bottle with dosing injection (injection is at the bottom)
3. Fill desired amount of product in the injection
4. Turn bottle (injection is at the top)
5. Disconnect injection and give product gently into the water

Find here the product video for handling: <http://www.gt-essentials.de/gh-liquid>

**Dosage:**

0.2 ml of bottle A and 0.2 ml of bottle B in 10 liters of water will yield a total hardness of approximately 1 ° dH.

1 ml of solution A and 1 ml solution B in 10 liters of water yield at 23 ° C water temperature a guide value of about 175 µS and a total hardness of approximately 5 ° dH.

1,2 ml of solution A and 1,2 ml solution B in 10 liters of water yield at 23 ° C a guide value of about 200 µS and a total hardness of approximately 6 ° dH.

Since the determination of the guide value essentially depends on the quality of the guide value analyzer used the total hardness should be verified by a standard drop test.

Dosage amount of solution A and B in order to achieve an overall hardness of 6 ° dH in respective amount of water

Liter	5	10	15	20	25	30	35	40	45	50
Dosage in ml	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6

Liter	55	60	65	70	75	80	85	90	95	100
Dosage in ml	6,6	7,2	7,8	8,4	9	9,6	10,2	10,8	11,4	12

Dosage amount of solution A and B in order to achieve an overall hardness of 5 ° dH in respective amount of water

Liter	5	10	15	20	25	30	35	40	45	50
Dosage in ml	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5

Liter	55	60	65	70	75	80	85	90	95	100
Dosage in ml	5,5	6	6,5	7	7,5	8	8,5	9	9,5	10

**Worth knowing & quality:**

The company GT essentials develops products for the successful keeping and breeding of soft water shrimp. All GT essentials products pass through a long development time and many tests by professional and commercial breeders. The goal hereby is to reach the highest possible quality which can be permanently guaranteed.

GT essentials products are permanently tested in two separate test systems with total 12,000 liters even after the launch. It is hereby assured that the product quality is safe for each new batch that reaches the customers. Unsatisfactory functioning products by e.g. fluctuations in raw materials are reliably detected and eliminated. Also, all raw materials are processed under the fullest GT essentials control.

The hardness booster liquids are designed for the keeping of soft water shrimp with focus on dwarf shrimp. With regular water changes also mosses and water plants will grow satisfactorily without high expectations. In heavily occupied aquariums with animals or aquatic plants it may be advantageous to dose corresponding trace elements solutions and water plant fertilizer. Note, however, that due to the feeding of the animals materials end up in the aquarium that finally benefit the aquatic plants. Therefore it is recommended to check the nitrate value which possibly should not reach more than 10 mg per liter. For use in aquariums which are plentiful stocked with water plants - where rather few animals live with correspondingly lower feeding - you will not manage without appropriate water plant fertilizer.