
COVID-19 ECO-Cycle Support

As the recent COVID - 19 outbreak continues to force schools and businesses to close, ECOLIFE wants to help ensure that your ECO-Cycle and the health of your fish don't add to your many concerns during this time. Please review the steps below if you are going to be without access to your ECO-Cycle for the foreseeable future.

What to do with your fish

1. Take your fish home with you in water collected from your ECO-Cycle.
2. Keep your fish in the largest container you have available.
3. If you can't take your fish home or choose not to, try using a [fish food block](#) to keep them fed in your absence.
4. Bring your fish net, fish food, Vitamin C, and API Freshwater Test Kit (or another means of testing your water chemistry) home with you so you can test the ammonia in your water.

What to do with your plants

1. If you have plants in your system, leave the grow lights on to give them the best chance of survival.
2. If you don't have plants, turn your lights off but keep the pump running. This will keep your system bacteria alive.
3. Before you leave your ECO-Cycle, fill your tank so that the waterline is hidden behind the black lip of the tank.
4. If you do not have plants in your system, turn off the grow lights to prevent algae growth.

When to do home water changes

1. A good rule of thumb is to replace 10% - 15% of the water from your fish tank/bowl every week.
2. To be safe, test your ammonia and pH at least once a week. If ammonia levels approach toxic concentrations (reference ammonia toxicity chart below) 15% - 20% of the water can be replaced.
 - Reminder! - Some municipal tap water already contains ammonia (1-3ppm). Please test your tap water for ammonia before adding it to your fish bowl.
3. Remember to add ascorbic acid (Vitamin C) to your tap water before adding it to your fish tank/bowl.

- 100mg of Vitamin C per 10 gallons will neutralize the chlorine and chloramine in the tap water.

*Testing your water frequently will be the best way of knowing when to change your water.

1.0ppm AMMONIA TOXICITY CHART

PH	TEMP					
	20c/68f	22c/72f	24c/75f	26c/79f	28c/82f	30c/86f
7	0.0039	0.0046	0.0052	0.006	0.0069	0.008
7.2	0.0062	0.0072	0.0083	0.0096	0.011	0.0126
7.4	0.0098	0.0114	0.0131	0.015	0.0173	0.0198
7.6	0.0155	0.0179	0.0206	0.0236	0.027	0.031
7.8	0.0244	0.0281	0.0322	0.037	0.0423	0.0482
8	0.0381	0.0438	0.0502	0.0574	0.0654	0.0743

by jetajockey

2.0ppm AMMONIA TOXICITY CHART

PH	TEMP					
	20c/68f	22c/72f	24c/75f	26c/79f	28c/82f	30c/86f
7	0.0078	0.0092	0.0104	0.012	0.0138	0.016
7.2	0.0124	0.0144	0.0166	0.0192	0.022	0.0252
7.4	0.0196	0.0228	0.0262	0.03	0.0346	0.0396
7.6	0.031	0.0358	0.0412	0.0472	0.054	0.063
7.8	0.0488	0.0562	0.0644	0.074	0.0846	0.0964
8	0.0763	0.0876	0.1004	0.1148	0.1308	0.1486

by jetajockey

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