



## Standard Operating Procedures For Prophylactic Treatment of Fishes

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### Background:

This protocol is intended to remove any **external parasite** that may be living on fishes brought in from the wild or hatchery. Treating new fish before they are introduced to existing populations, or onto a recirculation system will help eliminate the spread of parasites and is highly recommended.

\*This protocol is for scaled fishes, and is subject to temperature and salinity.

### Procedure

1. Obtain a 10L bucket, and fill with water
2. Run a trial before actually putting fish in with formalin or formaldehyde!
  - in the 10L bucket add 1ml of Formaldehyde (40%), if you are using formalin the ratio is 1:1000ml. Make sure the bucket is heavily aerated (at least 5 air stones). Wait approximately 20 minutes and observe the water, if there is any **WHITE PRECIPITATE**, it will kill the fish. If precipitate is present see below instructions for deviation in temperature and salinity of water.
3. **IF** there is no precipitate in your trial, you may proceed to the treatment of your fish.
4. Place the fish in a bucket or large bin, with **HEAVY** aeration.
5. Add Formaldehyde (40%) in the ratio of 1:10,000ml (ie. 1ml in a 10L bucket).
6. Keep the fish in the treatment for **ONE HOUR**, and observe them during the treatment.
7. After the hour of treatment is up, remove the fish from the bucket and place them in their new homes.
8. To dispose of the formaldehyde and water see instructions for chemical disposal.