

**Aquarium and Water Garden Plant Treatment Description:**

Potassium permanganate dip is an effective treatment for aquarium and water garden aquatic plants for removal of snails, parasitic eggs, leeches and algae. It is generally safe for most plants except water hyacinths. This is a common practice used to disinfect aquatic plants from unwanted potentially invasive hitchhikers.

**Procedure:**

- In a clean bucket, add potassium permanganate crystals to water constantly stirring until the solution is light pink to purple
- Dip plants into solution for 10-15 mins – avoid contact with roots
- Rinse/soak plant leaves and stems thoroughly using dechlorinated water to make sure that any traces of pink or purple have been removed
- Rinse again with dechlorinator or very weak hydrogen peroxide can ensure that any potassium permanganate is completely deactivated before placing in an aquarium or water garden
- Inspect treated plants and remove any unwanted hitchhikers

**Safety:**

- Handle only with gloves
- Avoid contact with skin, clothing and porous surfaces which can be permanently stained
- Some plants that are fragile, delicate or young may be too sensitive for this treatment
- Avoid treatment time longer than recommended which can cause death of plants
- Do not use potassium permanganate with any other chemical including formalin
- Treatment is not intended to be a tank treatment
- If solution turns brown, it is exhausted and no longer effective

**GLDIATR**

Great Lakes Detector of  
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