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# Reef Geeks™ Water Prep & Culture WorkFlow

Clean • Sterilise • Neutralise • Grow

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## Purpose

To provide a **simple, repeatable, reef-safe method** for preparing clean water and maintaining healthy phytoplankton cultures using the **Reef Geeks™ Water Prep & Culture Series**.

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## Scope

This SOP applies to:

- Phytoplankton culture
- Reef aquarium water preparation
- Aquaculture and live food systems

using Reef Geeks™ branded solutions.

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## Step 1 — CultureClean Pro (Surface Preparation)

**Product:** Reef Geeks™ CultureClean Pro

### What this does

Removes surface contaminants from tools, bottles, caps, tubing, and work areas before culture work begins.

### Procedure

1. Wash all equipment thoroughly using warm water and mild detergent
2. Spray CultureClean Pro onto all tools and work surfaces until visibly wet
3. Allow a minimum contact time of 1 minute
4. Allow to air dry or wipe with a clean, lint-free towel

Reduces contamination risk before water or cultures are handled.



## Step 2 — SteriMix Pro (Water Sterilisation)

**Product:** Reef Geeks™ SteriMix Pro

### What this does

Eliminates bacteria, spores, and unwanted microbes in culture water.

### Procedure

1. Dose SteriMix Pro to prepared salt water as per label directions
2. 1 mL per 1 L water
3. Mix thoroughly
4. Allow 5-10 minutes contact time

Water is **not yet safe** for reef or phyto use until chlorine is neutralised.

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## Step 3 — Dechlor Pro (Chlorine Neutralisation)

**Product:** Reef Geeks™ Dechlor Pro

### What this does

Instantly neutralises chlorine, making sterilised water safe for reef systems and phytoplankton.

### Procedure

1. Add Dechlor Pro after SteriMix Pro contact time
2. Standard dose:
3. 1 mL per 1 L water
4. Mix well
5. Allow ~1 minute contact time

Reef-safe • Phyto-safe • Overdose-safe

## Step 4 — PhytoGrow Pro (Feed & Grow)

**Product:** Reef Geeks™ PhytoGrow Pro

### What this does

Provides balanced nutrients to support strong, stable phytoplankton growth without guesswork.

### Dosing

- **Standard dose:**
- 1 mL PhytoGrow Pro per 1 L culture volume
- Dose once at culture start
- Then 1 ml per Litre every 7 days

*(Advanced users may adjust dosing based on species, density, and harvest schedule.)*

### Procedure

1. Add PhytoGrow Pro to prepared, chlorine-free water
2. Inoculate with phytoplankton starter culture
3. Provide continuous strong aeration
4. Maintain appropriate light and temperature
5. Monitor colour and density; harvest as required

 Supports dense, healthy, repeatable phyto cultures.

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## Reef Geeks™ Workflow Summary

-  CultureClean Pro →
-  SteriMix Pro →
-  Dechlor Pro →
-  PhytoGrow Pro

Simple chemistry. Repeatable results. Reef-safe by design.

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## Safety Notes

- CultureClean Pro is **flammable** — use with ventilation
- SteriMix Pro contains bleach — **never mix with acids or ammonia**
- Dechlor Pro is **non-toxic and overdose-safe**
- Always Use as per label directions