



Reef Geeks™ Water Prep & Culture SOP

Clean • Sterilise • Neutralise • Grow

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**.

Scope

This SOP applies to:

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

using Reef Geeks™ branded solutions.



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 30–60 minutes contact time

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



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
- Add after chlorine has been fully neutralised
- Dose once at culture start

(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 gentle aeration
4. Maintain appropriate light and temperature
5. Monitor colour and density; harvest as required

✓ Supports dense, healthy, repeatable phyto cultures.



Reef Geeks™ Workflow Summary



CultureClean Pro →



SteriMix Pro →



Dechlor Pro →



PhytoGrow Pro

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



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
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Built by reef nerds • Simple • Repeatable • Reef-safe