

# PURE 2.0 Mixing Guide

version 1.0.0

## Triton Reagents Pure 2.0 salt water

PURE 2.0 is a professional grade uncontaminated seawater salt mix.

It is superior to other salt mixes by being entirely made from pharmaceutical and analytical grade reagents.

The unique 5-component modular system ensures a consistent, balanced seawater mix by avoiding: (a) the separation of salts during transport and (b) unintended chemical reactions between components.

With PURE 2.0 there is no precipitation or cloudiness when mixing seawater. Unlike salts prepared from industrial grade reagents, which contain trace elements of unknown types and quantities, PURE 2.0 only contains beneficial trace elements formulated to approximate natural seawater.

### Kit Contents:

- 4 x NaCl (Sodium chloride) **Black tie wrap**
- 4 x MgSO<sub>4</sub> (Magnesium sulfate) **Red tie wrap**
- 4 x MgCl<sub>2</sub> (Magnesium chloride) **Yellow tie wrap**
- 2 x 1000ml **Bottle A** (Liquid trace component)
- 1 x 1000ml **Bottle B** (Alkalinity/pH)

To make 50L saltwater mix the follow ingredients with RO/DI in the following order, allowing each ingredient to dissolve fully before adding the next.

- Step 1) Add 1 x NaCl **Black tie wrap**
- Step 2) Add 1 x MgSO<sub>4</sub> **Red tie wrap**
- Step 3) Add 1 x MgCl<sub>2</sub> **Yellow tie wrap**
- Step 4) Add 500ml **Bottle A**
- Step 5) Add 250ml **Bottle B**

To make 100L saltwater mix the follow ingredients with RO/DI in the following order, allowing each ingredient to dissolve fully before adding the next.

- Step 1) Add 2 x NaCl **Black tie wrap**
- Step 2) Add 2 x MgSO<sub>4</sub> **Red tie wrap**
- Step 3) Add 2 x MgCl<sub>2</sub> **Yellow tie wrap**
- Step 4) Add 1000ml **Bottle A**
- Step 5) Add 500ml **Bottle B**

To make 150L saltwater mix the follow ingredients with RO/DI in the following order, allowing each ingredient to dissolve fully before adding the next.

- Step 1) Add 3 x NaCl **Black tie wrap**
- Step 2) Add 3 x MgSO<sub>4</sub> **Red tie wrap**
- Step 3) Add 3 x MgCl<sub>2</sub> **Yellow tie wrap**
- Step 4) Add 1500ml **Bottle A**
- Step 5) Add 550ml **Bottle B**

To make 200L saltwater mix the follow ingredients with RO/DI in the following order, allowing each ingredient to dissolve fully before adding the next.

- Step 1) Add 4 x NaCl **Black tie wrap**
- Step 2) Add 4 x MgSO<sub>4</sub> **Red tie wrap**
- Step 3) Add 4 x MgCl<sub>2</sub> **Yellow tie wrap**
- Step 4) Add 2000ml **Bottle A**
- Step 5) Add 1000ml **Bottle B**

**To ensure best results allow to stand for 24hrs before use**

