


# **DRINKSAFE**<sup>TM</sup> easy water testing

Marine Potable Water Test Kit





Under the new MLC 2006 which applies from August 2013, you've now got to do regular comprehensive documented testing of your ships' drinking water supplies. The requirement can at first seem confusing due to the different requirements of the various rules/regulations & policies of Flag Administrations. The situation isn't helped by the confusing way test kits are being offered to the market by various suppliers. We don't understand why some companies seem to be making it so difficult for you to get your vessels compliant.

That's why we've introduced DRINKSAFE™ to offer you the "easy water testing" solution. Developed using feedback from a survey of 8000 marine decision makers, DRINKSAFE™ is guaranteed to be the easiest kit to use, includes more tests than all other kits, and is guaranteed to meet all legislation & Class/Flag state requirements in a single kit. Easy!

# DRINKSAFE™

## easy water testing



### What The Rules Say You Must Do

**MLC 2006** defines you must perform *"frequent documented inspections"*

**World Health Organization Guidelines** - *"Source water is monitored at the port to ensure that water is safe. The ship's master is responsible for operational monitoring: quality of source water: disinfectant residuals and pH (e.g., daily); microbial quality of treated water, particularly after maintenance or repairs. The frequency of monitoring should reflect the probable rate of change in water quality. For example, monitoring of drinking-water on ships may be more frequent when the ship is new or recently commissioned, with frequencies decreasing in the light of review of results. Similarly, if the ship's water system has been out of control, monitoring following restoration of the system would be more frequent until it is verified that the system is clearly under control."*

**ILO Convention 78** - *"Physically check quality of water at random using different outlets."*

### Important ICS Advice

The International Chamber of Shipping (ICS) has issued urgent advice to shipowners to help them pre-empt port state control problems when the Maritime Labour Convention (MLC) enters into force, on 20 August 2013.

"Regardless of the progress which may or may not have been made by a vessel's flag state, ships are required to meet the standards in the Convention. ICS recommends you prepare a Declaration of Maritime Labour Compliance (DMLC) Part II before 20 August for all your ships, which will serve as evidence that YOUR ship meets MLC standards. To issue a DMLC you must of course have provided potable water test kits for your ships.



## DRINKSAFE™ - standard kit for basic operational monitoring

500No. DPD1 free chlorine tests with comparator disc  
500No. DPD3 total chlorine tests with comparator disc  
500No. pH tests with comparator disc  
250No. high range chlorine (super-chlorination) tests with comparator disc  
Colour comparator, test tubes, tablet crusher & brush  
25No. e-coli/ coliforms tests with sterile containers  
40 Bacterial plate tests with syringes  
Incubator & UV lamp  
Goggles & disposable gloves  
Test log-book  
Manual & training DVD - shows you how to take samples and do the tests

## DRINKSAFE MAX™ - full kit incl' source water testing as mandated by WHO regulations

Includes DRINKSAFE™ kit contents plus the following tests:

Turbidity tester  
20No. enterococci tests with sterile containers  
250No. copper tests with comparator disc  
250No. iron tests with comparator disc

Recommended & GUARANTEED to meet all legislation, all Class & Flag state requirements. Can you afford to risk ordering a basic kit from us or any supplier and risk detention at a Port State Control inspection?

**Legionella** - available as an extra to increase your testing routine - 1 legionella tests

## How You Do The Tests

Chlorine, pH, copper & iron - dissolve test tablet in ampoule of water, put in comparator then read level from the colour disc. EASY!

E-coli, Enterococci - dissolve test material water, incubate, beaker then test for fluorescence with UV lamp. EASY!

Total bacterial count - syringe sample onto petri dish, incubate, then count colonies. EASY!



## Why You Should Choose DRINKSAFE

**Easiest & quickest test kit to use - GUARANTEED or your money back**

- No glass ampoules to break
- No instruments to calibrate or calibration solutions
- No messy & difficult 'Thio-bags'
- No need for sample dilution pots

**Only Full Kit GUARANTEED to meet all legislation & Flag state requirements**

**More tests as standard than any other kit - lowest average cost per test**

Whether you decide to buy Martek's DRINKSAFE™ or not, make sure you consider 3 critical things:

- Choose a test kit that's simple to understand and proven to be easy & quick to use
- Choose a test kit that's guaranteed to meet all Flag State, MLC & WHO Guidelines for operational and source water testing including pH, turbidity & metal residues
- Choose a test kit with enough tests to do DAILY water testing at multiple outlets as per WHO & ILO guidelines

If any company tells you those three things aren't necessary, tell them they are wrong - they're just trying to get you to buy what they want to sell!

## What Our Customers Say...

"We chose the DRINKSAFE™ Max because it provided us with Martek's guaranteed compliance with all flag state requirements and it gave the crew the benefit of the simplest and easiest test procedures on board. Furthermore, the on-board training procedure provides a test certificate which acknowledges that the crew has undergone the training and test that they are competent to use it.

We were advised that each component of the kit took into account the following rules and bodies to full satisfaction:

- MLC 2006
- WHO
- ILO
- IACS Member Societies

*Chris Goldsworthy*  
*Bernard Schulte Shipmanagement*



"We chose DRINKSAFE™ because it contained enough tests to daily water testing at multiple outlets as per WHO + ILO guidelines offering the lowest cost per test of all kits. DRINKSAFE™ was also easy to understand and the kit looks simplest and quickest to use."

*Ricardo Sclafani*  
*V Ships*



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