

**B.W.T. NEW FORMULA™****DESCRIPTION**

**B.W.T. NEW FORMULA** is an innovative product applied to all types of boiler systems for water treatment. It provides excess protection from the hard salts, sludge concentration and corrosion, whilst also removing dissolved Oxygen (even at low temperatures). Furthermore, it acts as an antifoam agent.

**ADVANTAGES AND CHARACTERISTICS**

One product does it all: a multi-functional completed treatment.

- ◆ Prevents Calcium corrosion through hardness control.
- ◆ Acts as an Oxygen scavenger in boiler water as well as a corrosion inhibitor by passivating metal surfaces in the boiler.
- ◆ Raises the pH level.
- ◆ Acts as an antifoam agent.
- ◆ Submerges suspended solids thus assisting to easy and sufficient blowdown.
- ◆ Should be used in conjunction with **MARICHEM C.C.I.**
- ◆ Cost effective, easy to handle and apply.

**PHYSICAL PROPERTIES**

**B.W.T. NEW FORMULA** is a liquid solution of alkaline compounds, Oxygen binders, corrosion inhibitors, sludge conditioners and antifoam agents.

Appearance/Color	: White liquid
Specific gravity	: 1.15–1.20 gr/cm <sup>3</sup> at 20°C
pH value range	: 12.5–13.5
Odor	: Odorless

**PACKAGING**

Order Number	: 673003 (30 ltrs)
Container	: Plastic jerrican

**APPLICATION AND USE****A. Dosing Procedure**

Initially, use 1litre of **B.W.T. NEW FORMULA** per ton of boiler water. Thereafter, a volume of 50–60ml per ton of boiler water should be used daily.

For optimum results, consult the **MARICHEM Ship's BWT Log Book** for boiler water treatment on a daily basis.

Note that the boiler water sample analyses must be conducted daily by using the **MARICHEM WT ALKA, WT PHOSP** and **WT SULFI TEST KITS**.

Daily test results should be taken into account prior to regulating treatment by either additional chemical dosage or surface blowdown.

**B. Feeding Procedure**

Once the dosing quantity is determined, **B.W.T. NEW FORMULA** must be introduced to the boiler's water, continuously, by a metering pump or by a more conventional method such as metallic container, plastic pail, etc.

**BWT NEW FORMULA p-Alkalinity vs. dosage**

p-Alkalinity (as ppm CaCO <sub>3</sub> )	0	10 - 30	40 - 70	80 - 90	100 - 150	Over 150
Dosage of BWT NEW FORMULA (ltrs/ton)	1	0.33	0.22	0.12	0	Blowdown



**! SAFETY AND HANDLING**

<b>HANDLING</b>	Handle with care. Store in a dry, cool and well ventilated environment.
<b>SAFETY</b>	IMMEDIATE ACTIONS
<b>Eye Contact</b>	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>Skin Contact</b>	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
<b>Inhalation</b>	Avoid inhalation of vapors. Otherwise, seek fresh air source at once. Seek medical attention.
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume a considerable quantity of water. Seek medical attention.
<b>GENERAL INSTRUCTIONS</b>	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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