

# BOILER-AIDE

## 2-N-1 BOILER CLEANER AND TREATMENT

### BT-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**BOILER-AIDE 2-N-1 Boiler Cleaner and Treatment**

##### TYPE

A premium liquid boiler treatment with special anti-corrosion inhibitors used in all steam and hot water boilers.

##### RECOMMENDED USES

**BOILER-AIDE** is a premium liquid boiler treatment with special anti-corrosion inhibitors used in all steam and hot water boilers. **BOILER-AIDE** removes sludge, mineral deposits and inhibits corrosion on all metal surfaces inside the boiler and pipes. Prevents oxygen pitting and formation of lime scale; eliminates surging and foaming and controls pH of boiler water.

- **IMPROVES BOILER EFFICIENCY**
- **REDUCES MAINTENANCE AND ENERGY COST**
- **PREVENTS SCALE AND CORROSION BUILDUP**
- **NONTOXIC**
- **BIODEGRADABLE**

##### COLOR/CONSISTENCY

Colorless/Liquid.  
pH Concentrate: 8.0  
pH Solution: 7.4 to 8.3

##### SPECIFIC GRAVITY

1.06 g/l ( $\pm$  0.1)

##### LOAD LEVEL

The recommended in use concentration of the product is 0.6%. 1 quart (.95 L) will effectively treat 40 gallons (151.4 L) of boiler water.

##### **BT-SPEC**

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ALL TEMPERATURE, PRESSURE AND SERVICE RECOMMENDATIONS CONSTITUTE A RECOMMENDATION ONLY AND DO NOT CREATE A WARRANTY.

#### APPLICATION PRECAUTIONS

**AVOID PROLONGED CONTACT WITH SKIN. WASH OFF WITH SOAP AND WATER. IN CASE OF EYE CONTACT RINSE IMMEDIATELY WITH WATER.**

**KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. MAY BE HARMFUL OR FATAL IF SWALLOWED.**

**FOR PROFESSIONAL USE ONLY.**

#### ENVIRONMENTAL STATEMENT

**BOILER-AIDE** is free of petroleum distillates and is compatible with seals and gaskets. **BOILER-AIDE** helps in increasing boiler efficiency and decreasing fuel consumption.

#### TEMPERATURE RANGE

32°F (0°C) to 300°F (148°C)

#### WEIGHT PER U.S. GALLON

9.2 lbs. (4.2 kg)  $\pm$  0.02

#### PACKAGING

U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
<b>Plastic Jug w/ Spout</b>	
BT32	1 quart (.95 L)
BT1	1 gallon (3.785 L)
<b>Pail w/ Handle</b>	
BT5	5 gallon (18.9 L)
<b>30 Gallon Drum</b>	
BT30	30 gallon (113.6 L)
<b>50 Gallon Drum</b>	
BT55	55 gallon (208.2 L)

#### SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
BT32	32 lbs. (14.5 kg)	12
BT1	57 lbs. (25.9 kg)	6
BT5	44 lbs. (20.0 kg)	1
BT30	260 lbs. (117.9 kg)	1
BT55	500 lbs. (226.8 kg)	1

#### DIRECTIONS FOR USE

**STEAM BOILERS WITH EXCESSIVE SCALE, RUST AND SEDIMENT:**

1. Through any convenient opening pour or dump **BOILER-AIDE** into the boiler. Use one quart (.95L) **BOILER-AIDE** for each 400 square feet boiler rating or for each 40 gallons (151.4 L) boiler water. For smaller boilers, reduce the amount accordingly. If the boiler has excessive scale, use **FLOW-AIDE** Biodegradable Solution to completely break down scale buildup.

2. Allow to steam for 30 minutes to 3 hours, then drain and flush.

3. Refill the boiler and add one quart for each quart originally used. Leave **BOILER-AIDE** in the boiler to act as a rust inhibitor and water conditioner.

**MAINTAINING CLEAN, RUST FREE WATER AND FOR NEW INSTALLATIONS:**

Apply one quart (.95 L) **BOILER-AIDE** to each 40 gallons (151.4 L) of boiler water content, 400 square feet radiation, or 60 boiler horsepower. Leave **BOILER-AIDE** in boiler to condition water for a full season.

**HOT WATER SYSTEMS:**

Use one quart (.95 L) for each 300 square feet boiler rating. Stops corrosion, excessive noise, and stagnant odors.



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