



Product Data Sheet BOILER WATER TREATMENT BT-4500

DESCRIPTION

BT-4500 is a concentrated liquid boiler water alkalinity builder and dealkalizer regenerant supplement. It provides a positive supplemental source of boiler water alkalinity. It may also be used as a regenerant additive to improve dealkalization efficiency. BT-4500 is USDA authorized for use in treating boiler feedwater where the steam produced will contact edible products.

APPLICATION

BT-4500 may be applied either continuously or intermittently to the boiler system. For dealkalizer regenerant additive, BT-4500 should be included with each charge of the regeneration chemical. Actual dosages, methods of application and frequency to be determined by field study of problem by your Clear Water Technologies representative.

PHYSICAL PROPERTIES

Color & FormViscous amber liquid
Specific Gravity 1.520 to 1.540
Density 12.7 to 12.8 lbs/gal
pH.....Greater than 14.0
Odor Musty

DOSAGE & FEEDING

For continuous boiler applications BT-4500 can be fed directly from chemical drum by suitable mechanical feeding equipment.

BT-4500 may also be added to a chemical mix tank with other boiler water chemicals and fed proportionally to the boiler feedwater.

BT-4500 may be fed directly into the boiler to adjust the boiler water alkalinity when using BT-4500 as a supplemental to dealkalizer regenerant, apply directly into the brine tank in appropriate amounts.

HANDLING & PRECAUTIONS

BT-4500 is a strong caustic and corrosive material. Do not take internally. Avoid contact with eyes or skin. In case of contact, immediately flood with large quantities of water. After massive flushing with water, obtain medical attention. If swallowed, do NOT induce vomiting. Drink large quantities of water and obtain medical aid. In preparation of solutions for feeding, fill dilution vessel with water and add BT-4500 to the water. Some heat may be evolved. Avoid use of aluminum or copper alloys in handling or feeding equipment.

PACKAGING

BT-4500 liquid is available in:
4x1-gallon jugs..... net wt.48 lbs.
2x5-gallon jugs..... net wt. 64 lbs.
5-gallon pails..... net wt. 60 lbs.
15-gallon drums..... net wt. 190 lbs.
30-gallon drums..... net wt. 380 lbs.
55-gallon drumsnet wt. 650 lbs.