

SUMMARY OF PRODUCTS



(Standard drum size : 20 litre)

BWT Product	Description	Dosing Rate
CLOSED SYSTEMS		
WT11 Standard nitrite/azole inhibitor	Standard nitrite blend of corrosion inhibitors for chilled and low pressure heating systems. Not suitable for aluminium.	5-8 litres/m ³ to give nitrite reserve of 1,000-2,000ppm
CS11 Synergised nitrite inhibitor	Synergised blend of inhibitors, including nitrite. Not suitable for aluminium.	4 litres/m ³ to achieve minimum nitrite reserve of 500ppm
AL17 Synergised organic buffered for aluminium	Blend of organic corrosion inhibitors buffered for multi-metal systems including aluminium.	1 litre per 100 litres of system water
WT112 Concentrated nitrite/azole inhibitor	Concentrated nitrite blend of corrosion inhibitors for chilled and low pressure heating systems. Not suitable for aluminium.	2.5 – 4.0 litres/m ³ to give nitrite reserve of 1,000-2,000ppm
Universal Antifreeze	Inhibited monoethylene glycol conforms to BS6580:1992	25% of system volume to protect up to -14°C
MEG	Uninhibited monoethylene glycol	25% of system volume to protect up to -14°C
MPG	Inhibited monopropylene Glycol	25% of system volume to protect up to -12°C
BCB98 2% Isothiazolinone biocide	Stabilised solution of isothiazolinone	500-1,000 ppm

BWT Product	Description	Dosing Rate
COOLING SYSTEMS		
BC19 Scale/corrosion inhibitor for moderate/hard water	Versatile phosphonate based scale and corrosion inhibitor, including polymers, for hard, alkaline waters.	100-200ppm of product in the system
BC15 Corrosion/scale inhibitor for soft water	Versatile polymer based corrosion and scale inhibitor for softened water.	200-400ppm of product in the system
CHSA Phosphonate/zinc	Versatile zinc based corrosion and scale inhibitor for softened water.	See product data sheet
BC14 Corrosion/scale inhibitor	Blend of organic corrosion inhibitors with dispersants for cooling systems fed with soft or hard water.	200-400ppm of product in the system
BC14Br Corrosion/scale inhibitor with bromine	Blend of organic inhibitors with dispersants for cooling systems. Contains a bromine precursor.	200-400ppm of product in the system
BC19Br Scale/corrosion inhibitor with bromine	Versatile scale and corrosion inhibitor, containing polymers for hard, alkaline waters, with a bromine pre-cursor.	100-200ppm of product in the system
BECHLOR 97D	Stabilised activated solution formulated for use with the Br range of scale and corrosion inhibitors to release hybromous acid. Includes biodispersant (14%).	Dependant on the required residual of hypobromous acid
BECHLOR 975D	Stabilised activated solution formulated for use with the Br range of scale and corrosion inhibitors to release hybromous acid. Includes biodispersant (7.5%).	Dependant on the required residual of hypobromous acid

BWT Product	Description	Dosing Rate
COOLING WATER BIOCIDES		
BCB98 2% Isothiazolinone biocide	Stabilised solution of isothiazolinone	500-1,000ppm product
BCB94 Polyquat biocide	Non-foaming broad spectrum biocide and effective algaecide with low toxicity	100-250ppm, typical dosing rate of 100ppm product
BCB94C Polyquat biocide	Concentrated non-foaming broad spectrum biocide and effective algaecide with low toxicity	50-125ppm, typical dosing rate of 50ppm
BROKIL 99 Biocide	Bromine tablets – high strength 92.5%	Continuous feed dosages of between 0.10-2.0ppm
BCB91 Surfactant	Highly effective biocide formulation containing anionic surfactant	125-250ppm
BECHLOR 126SD Slow release chlorine tablets	Slow release chlorine tablets	200g tablets – typical chlorine content 89% minimum
BROKIL 100 Sodium bromide/dispersant	Sodium bromide with dispersants	Dependent on the required residual of hypobromous acid

BWT Product	Description	Dosing Rate
STEAM BOILERS		
BB73 Neutralising amine for condensate	Neutralising amine for steam boiler condensate	Determined by pH value of condensate (8.5-9.5)
BB25 Phosphate/polymer	Phosphate/polymer boiler water additive for scale prevention	To achieve phosphate residual of between 30-70ppm
BB42 Corrosion/scale inhibitor for soft water	Tannin-based formulation for prevention of scale and corrosion in steam boilers	Initial treatment of 10 litres/10m ³ . Maintenance treatment of 500-1,000ml/10m ³ (Steam loco: 250-500ppm)
BB22 Multi function sulphite & alkalinity builder	Multi-function sulphite treatment with alkalinity builder	To produce a sulphite residual of 30-70ppm
BB43 Multi-function sulphite - concentrated	Multi-function sulphite treatment – concentrated – powerful oxygen scavenger, synergised with lignosulphonate	To produce a sulphite residual of 30-70ppm
BB68 30% catalysed sulphite	Catalysed sodium bi-sulphite solution – powerful oxygen scavenger	To produce a sulphite residual of 30-70ppm
B29 Alkalinity builder	Alkalinity builder for the control of pH in steam boilers	1ml/m ³ will raise alkalinity or reduce acidity by approx 0.5ppm as CaCO ₃
BB68F Sulphite – non catalysed	Uncatalysed sodium bi-sulphite solution – oxygen scavenger, food grade	To produce a sulphite residual of 30-70ppm

BWT Product	Description	Dosing Rate
DISINFECTION PRODUCTS		
SODIUM HYPOCHLORITE	Liquid chlorine solution 14%	10ml/m ³ will produce 1ppm of available chlorine
BECHLOR 97 Hypochlorite plus dispersant	Stabilised liquid chlorine solution plus dispersants particularly useful for cooling system cleaning	10ml/m ³ will produce 1ppm of available chlorine
CN65 Sodium sulphite chlorine neutraliser	Sodium sulphite solution	See product data sheet
CN65T Sodium thiosulphate chlorine neutraliser	Sodium thiosulphate solution	See product data sheet
BESPERSE Dispersing agent	Concentrated dispersing agent	As required

DESCALING/PRE-COMMISSION CLEANING PRODUCTS		
BEKLEEN RAPID Pre-commission cleaner	Concentrated blend of sequestering and dispersing agents for removal of deposits – slightly alkaline formulation; 24 hour contact time	0.5-5% of system volume depending upon degree of fouling
BDS 2 Phosphoric acid, inhibitor, acid indicator	Formulated phosphoric acid based product with dual inhibitors and acid indicator	1-10% maximum of system volume depending on degree of fouling
BDS Sulphamic acid - inhibited	Formulated solution of sulphamic acid, wetting agents and inhibitor	For maintenance cleaning dilute 50:50 with water
SULPHAMIC ACID Descaling crystals	Sulphamic acid supplied as crystals	10% solution (100g per litre)

BWT Product	Description	Dosing Rate
POTABLE WATER TREATMENTS		
BB25F Phosphate treatment - hard water	Additive for minimising scale prevention for hard water conditions	10ppm to system based on water volume used to achieve 2ppm of polyphosphate
BB124 Phosphate/silicate treatment	Synergised product giving sludge dispersal and corrosion inhibition	Depending on severity of corrosive attack to produce level of 4ppm of silica
B125 Silicate treatment - soft water	Silicate based product to reduce corrosion and 'red' discoloration of water in soft water conditions	Depending on severity of corrosive attack to produce level of 4ppm of silica

CHLORINE DIOXIDE		
BECHLOR 935 5% stabilised chlorine dioxide	5% stabilised chlorine dioxide	See product data sheet
ACTIVATOR A5 <10% hydrochloric acid	Dilute solution of inorganic acids formulated to activated Bechlor 935 on a 1:1 basis	See product data sheet
BECHLOR 93 0.2% activated chlorine dioxide	0.2% activated chlorine dioxide	See product data sheet

MISCELLANEOUS		
ANTIFOAM	Concentrated antifoam	Typical dosage rate 10-100ppm are sufficient. Initial dose approx 10ml
BRC Resin treatment	Water softener resin cleaner	1 litre/25kg of salt