



# ABS WATER TECH INDIA PRIVATE LIMITED

NEW #6 (OLD#17) FIRST FLOOR, 2ND CROSS STREET, DEFENCE COLONY, GUINDY, CHENNAI-600032

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WEBSITE: WWW.ABSGROUPS.IN

## PRODUCT DATA SHEET OF ABS - CL- 100

### PRODUCT INFORMATION:

ABS - CL-100 - Cooling Tower Dispersant and On-line Descaler

### DESCRIPTION:

ABS-CL-100 is specially formulated to prevent the deposition of solids on heat transfer surfaces. When used as an on-line descaler, it removes scale while the system is on line. The removal of scale will keep heat transfer surfaces clean and reduce energy costs.

Slowly breaks up and dissolve scale.

Prevents scale formation.

Eliminates having to handle hazardous acid - based products.

Eliminates downtime.

Concentrated for economy.

### For Online Descaling

Disperses slit in water for removal through bleed off.

Formulated with an iron dispersant to help remove rust.

Cleans any wet area in cooling towers, Cooling tower fills or condenser tubes.

Eliminates friction on flow surfaces, allowing pumps to work more efficiently.

Helps keep pump suction strainers clean.

Prevents Tube Plugging and overheated condensers.

Cleans out closed-water loops. Removes the rust and mill scale that can be carried along with the water and act like an abrasive to pump seals, valves and pipes elbows.

### PROPERTIES:

APPEARANCE	Clear Liquid
COLOUR	Colourless to pale pink
SOLUBILITY	Completely soluble in water
SPECIFIC GRAVITY	1.050 - 1.150
pH-VALUE	11.50 to 13.50

### PRODUCT DOSAGE:

For on-line descaling, add 1 gallon of ABS -CL-100 per 2,000 gallons cooling tower capacity, 700 gallons of bleed off.

For Cooling tower dispersant, add 1 gallon of ABS-CL-100 for each 6,000 gallons of water in the system. Add 1 gallon of each 6,000 to 12,000 gallons of water lost to bleed off.

### SYSTEM OPERATING PARAMETERS

TOTAL HARDNESS	700 ppm Max.
TOTAL ALKALINITY	500 ppm Max.
SILICA (THEORETICAL)	300 ppm Max.
CONDUCTIVITY	3,500 microohms Max.

DOC No:001

Revision No: 01

Revision Date:01.04.2019



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## PRODUCT CONTROL PARAMETERS:

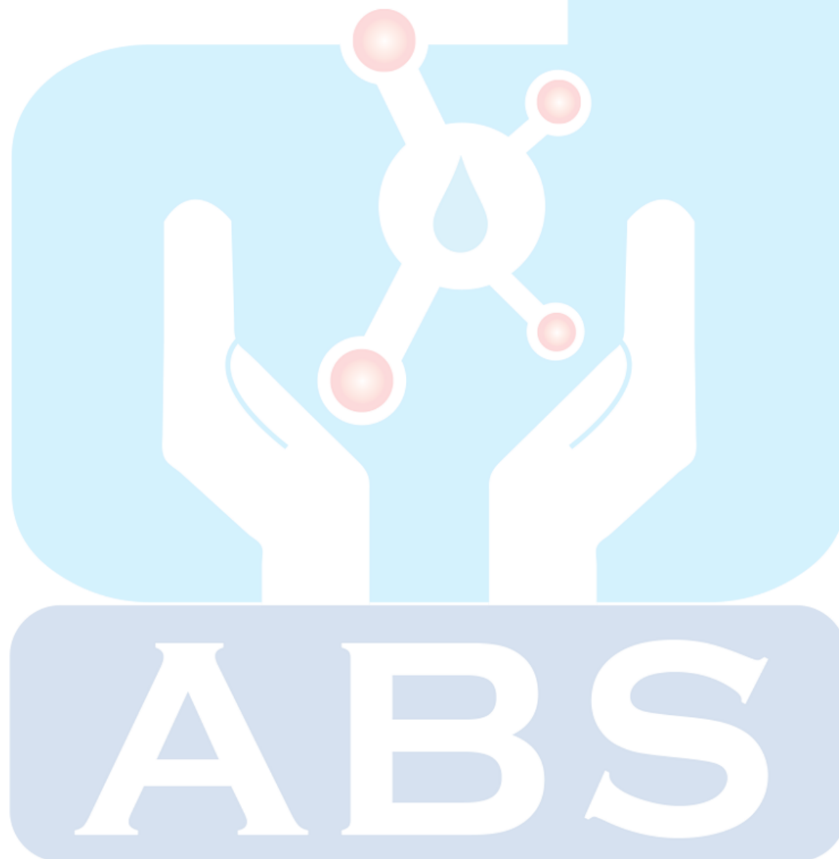
Treatment residuals of ABS –CL-100 cannot be tested conveniently. Feed this product in proportion to the phosphonate treatment and use phosphonate residuals as the control parameters

## METHOD OF FEED:

Feed ABS –CL-100 directly into the cooling tower sump or into the return line to the water. Feed this product in proportion to the Phosphonate treatment and use Phosphonate residuals as the control parameters.

## HANDLING INSTRUCTIONS

Keep the container away from direct heat & sunlight. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.



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