



# 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-105**

### **PRODUCT INFORMATION:**

ABS - CL-105 - COOLING TOWER TREATMENT FOR ANTISCALANT & CORROSION INHIBITOR

### **DESCRIPTION:**

ABS - CL - 105 is a primary scale and corrosion inhibitor. It is a liquid blend of phosphoric acid, polymers and a corrosion inhibitor. ABS - CL - 150 is specially formulated to inhibit the deposition of silica scale in cooling systems where the silica content of the feed water is over 25ppm

### **PROPERTIES:**

APPEARANCE	Clear Liquid
SOLUBILITY	Completely soluble in water
SPECIFIC GRAVITY	1.050 - 1.150
pH-VALUE	12.50 to 13.5

### **PRODUCT DOSAGE:**

Use ABS - CL - 105 whenever the cooling tower feed water contains 25 or more ppm of silica. The initial dosage in the cooling water is 1 gallon of product for each 2,000 gallons of system capacity. Continue this dosage for 7 days. The maintenance dosage is 1 gallon of product for each 6,000 gallons of bleedoff to maintain 10-20ppm phosphonate in the system.

Use ABS - CL- 105 in cooling tower systems when the total ppm of silica in the tower water would exceed 150ppm. The initial dosage in the cooling water is 1 gallon of product for each 2000 gallons of system capacity. Maintain this initial concentration (30ppm phosphonate) for 7 days. The maintenance dosage is 1gallon of product for each 6000 gallons of bleedoff to maintain 1-20ppm phosphonate in the system.

### **SYSTEM OPERATING PARAMETERS**

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

### **PRODUCT CONTROL PARAMETERS:**

Phosphonate: 10 to 20 ppm as PO<sub>2</sub>

### **METHOD OF FEED:**

ABS - CL - 105 can be fed directly into the cooling tower sump, or directly into the recirculating waterline, with a midstream injection tip. This product should not be mixed with biocides in chemical feed solutions.

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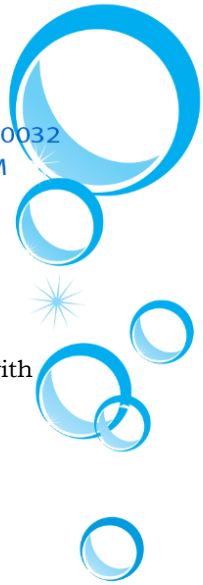


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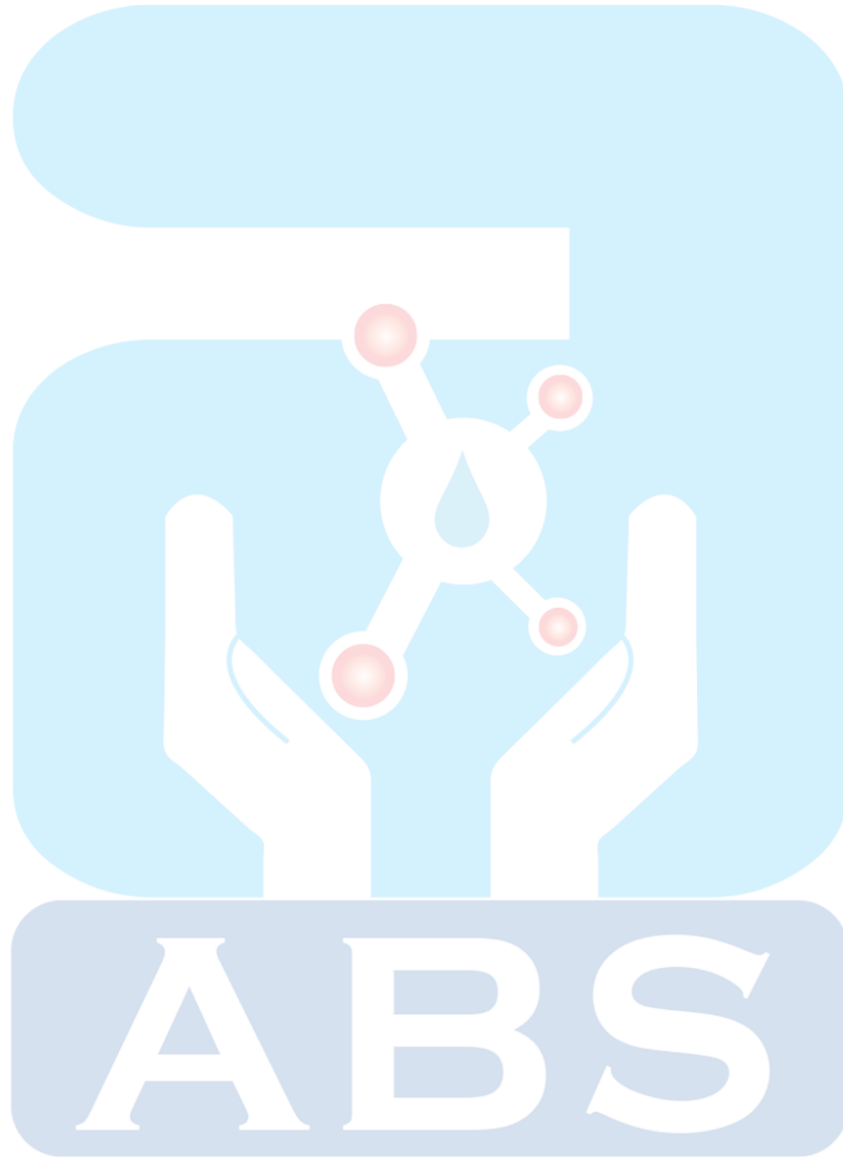
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## HANDLING INSTRUCTIONS

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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