



PRIMETOP[®] CS-311

Corrosion & Scale Inhibition Aid

PRIMETOP CS-311 has very strong inhibition ability of corrosion & scale problems, and gives you the high performance in open type recirculating cooling water system.

Application	<ul style="list-style-type: none"> ● PRIMETOP CS-311 is a corrosion and scale inhibitor for open recirculating cooling water system. ● Especially suited for high calcium hardness condition (200~600ppm as CaCO₃) cooling water system. 								
Advantages	<ul style="list-style-type: none"> ● It improves treatment efficiency in high hardness condition or alkaline condition. ● Permits operation at high concentrations where supply of fresh water is either limited or costly. ● Chemically stable even if long retained in recirculating water. ● Does not contain any heavy metals. ● Not harmful to aquatic organisms and permits the discharges to keep within limits allowed by water pollution control laws. ● Come in liquid so no dissolution for feeding is required and easy handling is allowed. 								
Typical Property	<table border="0"> <tbody> <tr> <td>● Main ingredient</td> <td>● Appearance</td> </tr> <tr> <td>: Organic phosphate, Azole, Polymer</td> <td>: Colorless ~ light yellow liquid</td> </tr> <tr> <td>● pH (neat) : 4.3 ± 1.0</td> <td>● Specific gravity : 1.13 ± 0.05</td> </tr> <tr> <td>● Solidifying point : -4</td> <td>● Flash point : None</td> </tr> </tbody> </table>	● Main ingredient	● Appearance	: Organic phosphate, Azole, Polymer	: Colorless ~ light yellow liquid	● pH (neat) : 4.3 ± 1.0	● Specific gravity : 1.13 ± 0.05	● Solidifying point : -4	● Flash point : None
● Main ingredient	● Appearance								
: Organic phosphate, Azole, Polymer	: Colorless ~ light yellow liquid								
● pH (neat) : 4.3 ± 1.0	● Specific gravity : 1.13 ± 0.05								
● Solidifying point : -4	● Flash point : None								
Principal Uses	<ul style="list-style-type: none"> ● Feeding <ul style="list-style-type: none"> - Without dilution, feed PRIMETOP CS-311 continuously and proportionally in the cooling tower pit by means of a chemical feed pump. - The neat solution of PRIMETOP CS-311 is weak acidic, so the chemical feeder and piping should be with acid-resistant material. ● Maintenance dosing rate <ul style="list-style-type: none"> - The concentrate of 50~120ppm of PRIMETOP CS-311 should be maintained in circulating water. 								
Handling & Storage	<ul style="list-style-type: none"> ● Protect the face and hands with a mask and rubber gloves to avoid the direct contact with PRIMETOP CS-311. ● In case of the direct contact, the affected area should be immediately washed with plenty of water thoroughly and medical treatment shall be taken if necessary. ● Store PRIMETOP CS-311 Indoors at 5~40°C. ● Do not use the empty containers for drinking water supply. 								
Packing	<ul style="list-style-type: none"> ● 20kg, 200kg Polyethylene-drum, 1 Ton Container 								

Official worldwide distributor



KOSMO E&T Co., Ltd.
 D715, Indeogwon IT Valley, 653, Poil-dong, Uiwang-si, Gyeonggi-do, #437-120, Korea
 | TEL : +82 70 4716 3450 | FAX : +82 70 4716 3456
 | E-MAIL : kosmoent@kosmoent.com | WEB : www.kosmoent.com