



ALTRET Industries Private Limited

(Formerly Known- ALTRET Performance Chemicals Guj. Pvt. Ltd.)

Application of **ALTRET 2532** (0.5 % Chlorine Dioxide):

Chlorine Dioxide Chemistry:

Chlorine dioxide does not react with water and does its chemical form or changes in pH with biocidal activity. It does not react with ammonia Cal or almost organic derivatives and treatment chemicals present in the cooling water such as phosphate, phosphonate, Azole or Zinc. Our product remains unchanged even after changing condition of cooling tower.

chlorine dioxide is good option for biocidal application for cooling water to run at stress water chemistry.

Chlorine Dioxide by ALTRET 2532 method:

ALTRET 2532 contains 2 powders A and B:

To prepare CLO₂ solution fill the normal water in specified pot or container and add **ALTRET 2532 A** at recommended dosage in filled water pot gradually, after adding component **A**, gradually add recommended Component **B**, stir well and allow to put pot or container close. Remain the container ideal at least four hours to complete the reaction.

ALTRET 2532 (0.5 % solution of chlorine dioxide) is complete for application once reaction completed according to prescribed as above.

AN ISO 9001: 2008 COMPANY

Cooling tower Treatment with ALTRET 2532:

ALTRET 2532 is highly effective for cooling tower application to control microorganism its directly apply at the suction of pump of cooling tower.

For direct dosage it can be dose directly in to the sump near to the suction of the cooling tower.

For regular dosage it can be dose to maintain residual level to control high microorganism or biofilm intermittent dose are recommended.

AN ISO 9001, 14001, 18001 CERTIFIED COMPANY

Regd. Office :12/2881, "ALTRET" House, Sayedpura Main Road, Surat-395 003. GUJ. INDIA. Ph.:+91-261-2451807-808. Fax.: +91 - 261 - 2434517.
Visit us : www.altret.com E-mail : info@altret.com - trends@altret.com



CMCTM

Per MoleTM

CIN: U24299GJ2004PTC044442

ALTRET 2532 Treatment: -

Calculation of **ALTRET 2532** dose:

Quantity of **ALTRET 2532** = (Recommend dosage / 5000) * holding capacity of Cooling tower.

Regular Treatment

For regular treatment program, **ALTRET 2532** repeatedly dose to maintain CLO₂ residue @ 0.1 to 0.2 ppm.

Soak Dosage

ALTRET representative guide you exact recommendation of **ALTRET 2532**, generally 0.5 to 1 ppm residue CLO₂ recommended looking to severity of algae and biomass.

Testing method of ALTRET 2532

Modified DPD method is ideal to test concentration of **ALTRET 2532** (0.5% chlorine Dioxide) alternatively CPR (chlorophenol red method) can be used.

DPD Method

In DPD test method chlorine and chlorine dioxide both are reacted to give a red-colored solution. Based on color intensity residue can be determined. However, to avoid chlorine adulteration in test result generally Glycine or NH₂CH₂COOH is added to control interference and masking of chlorine before the test. If a test kit calibrated for chlorine is used, the result must be multiplied by 1.9 to correct for the higher equivalent weight of chlorine dioxide.

CPR Method

The CPR testing is carried out to check chlorine dioxide ratio as its convert red CPR to a colorless solution. The value of the red CPR which was bleached is corresponding to the CIO₂ concentration.

ALTRET 2532 Service

ALTRET always offers dosage optimization services to all customers. **ALTRET** local representative will guide you to implement regular treatment, carried out testing and suggest corrective action if any deviation found. **ALTRET** representative also guide to minimize existing growth of microorganism by suggesting exact amount of dosage.

AN ISO 9001, 14001, 18001 CERTIFIED COMPANY

Regd. Office :12/2881, "Altret" House, Sayedpura Main Road, Surat-395 003. GUJ. INDIA. Ph.:+91-261-2451807-808. Fax.: +91 - 261 - 2434517.
Visit us : www.altret.com E-mail : info@altret.com - trends@altret.com